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DIGITAL BANKINGTRACKER

HOW CHALLENGER BANKS
ARE GIVING LEGACY PLAYERS
Key Opportunities

feedzai

FEATURE STORY

KeyBank on how challenger Fls are shaking up the digital banking space **NEWS & TRENDS**

U.K.-based Starling Bank creates multi-account support for SMBs

DEEP DIVE

How legacy FIs are responding to banking startups in the U.S.

DIGITAL BANKINGTRACKER

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ACKNOWLEDGMENT



The Digital Banking Tracker was done in collaboration with Feedzai, and PYMNTS is grateful for the company's support and insight. <u>PYMNTS.com</u> retains full editorial control over the following findings, methodology and data analysis.

What's Inside

The digital banking space has grown more crowded than ever, with century-old legacy banks working to modernize and rubbing shoulders with young FinTech startups as they try to entice and retain customers. Banks are not just competing for customer engagement and retention — they are also doing so for funding and resources as they overhaul their infrastructure and banking tools. More legacy institutions are using artificial intelligence (AI) and machine learning (ML) for both personalization and fraud prevention, and an increasing number are upgrading their mobile apps for quicker and easier use. These financial institutions (FIs) are looking to revitalize their decades-old payment rails and improve their banking processes.

Challenger banks looking to launch in new markets are competing with a crop of similar startups for the necessary funds, but innovation does not come cheap. Startups must hold their own against both firmly established legacy banks with scale and funding, as well as other flexible challengers with the same goals and aspirations.

Many FIs are joining forces with FinTechs, third-party providers and other companies to give themselves an innovative edge. These institutions are also looking at how to apply AI and ML to their full potential. FIs have to work harder amid increased competition to retain their customers' loyalty and attention, meaning that these new partnerships, strategies and tools are essential.

Around the digital banking world

Challenger banks are expanding their services to better appeal to mobile and digital banking customers, while legacy banks are revitalizing their existing products and services. European players like Monzo and N26 are continuing their push into the digital banking world. The former is moving into new territories just one month after its U.S. launch, and has partnered with AXA Partners to help provide its customers with travel insurance. N26 is also continuing to develop its product and service repertoire with a new premium account called N26 You, which is not yet available in the United States.

British banking institute Starling Bank is also enhancing its services. The bank is <u>adding</u> multi-owner accounts for its larger small to mid-sized business (SMB) clients, granting them more control and flexibility when accessing their accounts or making transactions.

Legacy FIs are also pushing into digital, with Citibank and the Commonwealth Bank of Australia both launching redesigns of their mobile apps. The offerings aim to make customers' mobile experiences fast and convenient, while also boosting their presences among competing institutions.

For more on these stories and other digital banking headlines, read the Tracker's News and Trends section (p. 9).

How challenger banks push FIs to innovate

Innovation has become more important than ever as legacy banks go head to head with new challenger institutions. Traditional operations are having to change their technological innovation strategies to better engage consumers, something that Jamie Warder, head of digital banking for KeyBank, sees as an opportunity. For this month's Feature Story (p. 6), Warder spoke to PYMNTS about how legacy FIs are approaching innovation in the age of challenger banks and how the former can step up their games.

Deep Dive: Challengers, legacy banks and how they're competing

Many U.S. banks are using infrastructure that has not been upgraded in nearly half a century. A rising tide of fully digital challenger banks with nimble strategies is pushing legacy institutions to innovate to retain their customers. This Tracker's Deep Dive (p. 13) delves into how challengers are approaching U.S. customers and how legacy institutions are responding.

August Digital Banking Tracker updates

This edition of the Digital Banking Tracker includes profiles of more than 250 financial players, including two additions: Spiff and Viola Black.

EXECUTIVE INSIGHT

How can U.S.-based legacy institutions best prepare for the coming influx of challenger banks? How can advanced technology like Al and ML help them compete?

"How do you make the mobile banking experience as seamless as shopping, ordering car service or sharing pictures on social media without increasing fraud? At a basic level, you need two things: big, pristine data and machine learning.

You have to integrate every piece of customer data from every single source across an entire organization. Then, augment that data with customer data from outside sources, like credit bureaus. The next step is to integrate the data into a single system. Data integration is key. Having that single source of truth provides the backbone for a profound understanding of behavior patterns, because the more clean data that is fed into a machine learning system, the more you're capable of accurately scoring transactions.

This is what creates real-time processing. It happens without increasing false positives and triggering customer friction. ... The machine learning system keeps learning, therefore your results actually improve over time, which means customer friction continues to decrease."

SAURABH BAJAJ

chief product officer at Feedzai

FIVE FAST FACTS

58% 63% 90% Portion of Portion of mobile Portion of UAE customers device users who consumers have downloaded who prefer who use digital 65% **55**% mobile or online at least one banking interactions financial app with their banks instead of those made at branch <u>locations</u> Share of German Estimated portion consumers who of consumers use one or more who will use bank mobile banking branches by 2024 apps





Challenger banks are beginning to offer more robust suites of services aside from the mobile apps and prepaid cards with which they started. Such institutions are working to raise the necessary capital to expand their products and customer bases as they enter new markets. Challengers in North America, Europe and Latin America raised \$2.5 billion in new funding from January through July, and their customers opened more than 30 million accounts during that same time frame. Challengers like Britain's Monzo and Germany's N26 are using that funding to create products and expand into new markets like the U.S. where they're measuring their services against legacy FIs.

Jamie Warder, head of digital banking for KeyBank, noted that challenger banks' newfound popularity may be forcing legacy institutions to innovate, granting them more opportunities to better engage and serve customers.

"At the end of the day, in some cases, [challengers] are partners and, in some cases, they're competing

with us. But I think what it does is it pushes us. It [pushed] us at Key to build a design center that we never had before. ... [It] pushes us to buy ... and acquire technology companies," he said. "It's good competition [that is] making us better; it's making legacy institutions ... step up their games."

Warder recently spoke with PYMNTS about how legacy operations are approaching their innovation strategies amid the rise of challenger banks, and why the latter institutions represent a key progression for the digital banking world.

Legacy banks and the innovation game

Warder believes that both legacy and challenger banks have the same impetus for innovation and technological experimentation: customer engagement and satisfaction. Each institution tends to approach this differently, however.

"Legacy banks have the scale and the roots necessary to handle several diverse needs at once," he

said, "while challengers tend to focus on innovating in one particular area or aspect of banking."

"We're trying to make sure we're taking care of our clients, ... from my 16-year-old daughter up to our biggest institutional client. We handle their payments, deposits and lending — by our nature, we cover a lot of ground," he said. "What I think these FinTechs can do is focus on one area. They can bring a different way of thinking; it's about how modern technologies and data can make that better."

Warder noted that legacy banks should utilize tools like AI and ML for greater customer engagement outside of simple transactional banking, including areas like small business origination or lending. Many challengers and FinTechs are starting to apply their solutions at the same scale as legacy banks as they become more prevalent in the market.

"Some of these challengers, when they do it right, they become legacy," Warder said, using payment provider PayPal as an example. "I would absolutely call PayPal a competitor to the legacy banking system. [It] challenged way back when, [it] created scale, [it] created great products, and now [it is] a good old-fashioned competitor. I look at [PayPal] similar to how I look at Wells Fargo or Huntington."

Legacy banks should have strategies to work with challenger banks and FinTechs, as well as compete with or even acquire them, he added. KeyBank has done all three over the past few years. It has managed a four-year-long partnership with AvidXchange and it recently acquired small business FinTechs and lenders Bolstr and Laurel Road. The bank also works with PayPal to provide features such as instant transfer.

Legacy and challenger banks' innovation and customer engagement approaches will depend on consumers' perspectives. Many customers are now comfortable interacting with digital and mobile banking channels for transactional banking needs, for instance, but more complex services have yet to make the switch to these channels.

Legacy banks and the digital banking shift

Physical branches still have roles to play in banking, even as more consumers turn to digital channels. Financial advice and wellness still have homes within physical branches and with human representatives, according to Warder, who believes such locations are an advantage for legacy banks. JPMorgan Chase and Capital One seem to feel the same, as they both are building new physical locations despite digital challengers' increasing presences in the U.S.

"Let's be clear, there is a shift happening ... toward digital. You can't deny that — no data would say otherwise. What's interesting, though, is the transactional shift is happening much faster than the advice and sales shift," he said. "So, I think [branches] matter ... [but] they shift from being transactional to being more and more advice-driven [places]."

Challenger and legacy banks alike will need to keep their fingers on the pulse of customer preference to remain competitive. Staying abreast of changes in the digital world is a full-time job for all banks, and those that best apply these changes will be able to challenge others for years to come.

News & Trends



Mobile apps and innovations

Citibank redesigns its Android mobile banking app

Fifty-eight percent of consumers <u>prefer</u> mobile and online banking over visiting physical branches, meaning Fls must work hard to distinguish their online offerings from those of competitors. Citibank has done this by completely <u>redesigning</u> its Android mobile app. The upgraded app went to market early last month, following the rollout of the iOS redesign. The new layout was developed with a focus on easy navigation and accessibility and provides consumers with quick and easy mobile banking experiences. Citi implemented new features as part of the redesign, including a menu with easy shortcuts to features like bill pay, mobile deposit and credit score monitoring. The company hopes the revamp will increase customer satisfaction.

Commonwealth Bank of Australia redesigns mobile app

The Commonwealth Bank of Australia (CBA) also recently <u>upgraded</u> the app it launched in 2013, providing it with more personalization and tools that encourage better spending habits. A recent press release noted that the bank used ML, data analytics and behavioral science to perform these upgrades.

CBA has also developed tools that will help consumers make sound financial decisions, including notifications when they increase their spending and strategies for lowering credit card debt. The upgraded app is designed to appeal to consumers who are becoming much more comfortable with mobile devices.

Lloyds Bank turns to Callsign for mobile security, innovation

United Kingdom-based Lloyds Bank recently partnered with cybersecurity firm Callsign to innovate its mobile banking approach and better protect customers under new regulations. The former will utilize the latter's Al-driven tools for increased security and authentication, allowing mobile users to log into their accounts with simple finger swipes.

Lloyds Bank is continuing to <u>invest</u> in new technologies to compete against a growing roster of challenger banks threatening to poach its 15 million online banking customers. Nine million of the FI's customers are strictly mobile users, meaning mobile innovation, authentication and ease of use is a necessity.

ABN Amro partners with Sopra for mobile banking

Dutch bank ABN Amro has announced a <u>partnership</u> with software-as-a-service (SaaS) provider Sopra on mobile banking innovation. The latter's software will support the former's wealth management app, Kendu, which helps consumers better invest their money by using goal-oriented categories such as retirement and education. Users can also set timetables for saving, and the app will then project the necessary investments to complete those goals.

A recent press release explained that ABN Amro will utilize Sopra's Direct Banking on SaaS software to manage Kendu core banking. Such software will allow the app to better integrate into the bank's other digital offerings, as well as provide customers with more speed and convenience.

Challenger bank updates and trends

Starling Bank creates multi-owner accounts for larger SMBs

Starling Bank, a U.K.-based digital-only challenger bank, recently began <u>offering</u> its larger SMB clients accounts that support multiple owners. The feature enables multiple business owners to access a single account simultaneously. This increased access provides business owners more convenience, an important benefit as Starling competes with other digital FIs for larger SMB clients. The tool comes a little over a year after the bank first launched accounts for individual business clients.

Starling is also forming partnerships to improve its services. Its recent collaboration with Bottomline Technologies gives businesses the ability to send and receive funds within the U.K. in real time.

Taiwan issues first digital banking licenses to three FIs

Digital banking is also spreading across Asia, where Taiwan recently <u>became</u> one of several regions to issue its first fully digital banking licenses. The decision follows similar moves by regulators in Singapore and Hong Kong. The region's Financial Supervisory Commission (FSC) has given out three virtual banking licenses thus far, granting them to LINE Financial Taiwan, Next Commercial Bank and Rakuten International Commercial Bank. Regulators in South Korea, Malaysia and Thailand are also considering offering digital banking licenses within their markets.

Validus Capital latest to apply for Singapore digital banking license

SMB financing company Validus Capital has <u>become</u> the latest to apply to the Monetary Authority of Singapore (MAS) for a digital banking license. MAS will offer only five digital banking licenses, meaning competition to receive approval for one will be steep.

The license would allow Validus to expand beyond lending to areas such as deposits, payments and remittances and address the SMB financing gap. Validus has facilitated 5,000 loans over the past four years, amounting to approximately \$184.4 million USD. The company believes that the banking license will also enable it to innovate its lending product.

Singaporean consumers are willing to try digital banking, study finds

Singaporean consumers are becoming more comfortable with online banking, with a recent JD Power study finding that 65 percent of the region's consumers are interested in opening digital bank accounts. That number was only 52 percent in 2018.

Younger consumers — those born in 1980 or later — are among those most eager, with 70 percent willing to try a fully digital bank. Fifty-nine percent of consumers in that demographic also state they would be open to using digital banks. FIs within the region should prioritize online banking in their future innovations if they want to remain competitive.



New partnerships

Monzo joins with AXA Partners on travel insurance product

U.K. challenger Monzo has entered into a partner-ship with AXA Partners, which will allow the former to develop a travel insurance product for its customers. AXA Partners will offer travel insurance to those who use Monzo Plus. Adding the offering to its list of products is another way that Monzo is differentiating itself from legacy banking institutions. Plus customers will also be offered a 1.5 percent interest rate on their balances and customizable features like cashback and rewards. AXA noted that this partnership may eventually extend to additional products. This collaboration comes shortly after Monzo launched its current account product in the U.S.

Varo Money inches closer to opening FDICapproved digital bank

U.S.-based FI Varo Money has <u>applied</u> for Federal Deposit Insurance Corporation (FDIC) insurance for its digital banking accounts, bringing it one step closer to offering the same digital and mobile products as Aspiration, Chime and Monzo. This comes one year after Varo received conditional approval for its bank charter from the Office of the Comptroller of the Currency (OCC). Varo will need to gain FDIC deposit insurance as well as membership in the Federal Reserve to receive final approval for its charter. The FI will continue moving forward with its plans for a fully digital bank as the year progresses.

Digital challenger Viola Black officially launches bank products

Challenger Viola Black has <u>launched</u> in the U.K. after six months of advertising its banking products. The startup is offering a current account together with a connected mobile app, though it does not yet have a full banking license. The company has an eMoney license, which allows it to offer customers prepaid cards.

Viola Black is following Monzo's path, as the latter also began as an eMoney operator with prepaid cards. Viola Black's prepaid cards, which are supported by card network Mastercard, are available only to U.K. customers, though that may change if the FI pursues a full banking license.

Airfox turns to Mastercard for digital banking innovation

Brazilian digital banking startup Airfox recently partnered with Mastercard Brazil to expand its low-cost banking products, including banQi, throughout the country. banQi is a free app that serves Brazil's underbanked population, boosting financial inclusion as digital banking catches on with more consumers. Airfox will utilize Mastercard's technology to provide both digital and physical prepaid cards that can be used at ATMs.

Airfox has also finalized partnerships with Cielo and Zurich Insurance to boost financial inclusion by making it easier for customers to access digital banking products. It has also partnered with Brazilian retail company Via Varejo, which has more than 800 stores at which Airfox will place outposts.

Deep Dive How legacy banks in the us are competing with challenger fis



Consumers around the world are moving away from physical bank branches and toward online and mobile banking tools. Digital banking is prevalent or almost ubiquitous among consumers in some regions, such as the United Arab Emirates, where 90 percent of consumers use such offerings, and Germany, where 65 percent of consumers do the same. Seventy-six percent of U.S. consumers would not even consider opening bank accounts with FIs that do not offer mobile banking. The speed and convenience attached to these offerings are changing how customers and institutions alike approach such services.

Mobile and online banking bring banks both challenges and benefits, however. Centuries-old legacy banks are seeing a rapid influx of financial startups and challenger banks gunning for their mobile customers. These new FIs are unencumbered by legacy banking infrastructure and cost and are quicker to innovate mobile and online banking tools. Many of them are also becoming contenders on the global stage.

U.S. legacy banks are <u>facing</u> competition on all sides from fully digital institutions like Germany's N26, England's Monzo, Starling Bank and Revolut, and homegrown challengers like Varo Money and Aspiration. Established banks will need to reevaluate everything from their mobile banking solutions to their banking fees and branches if they want to keep hold of their customers.

Legacy banks compete through mobile banking innovation

Monzo and N26 — both of which recently entered the U.S. — have banking models similar to those of many challenger banks. Consumers receive digital checking accounts that come paired with mobile apps, physical bank cards and connected spending and savings services in one digital package. These FIs are hoping greater connectivity and insight will entice consumers.

Consumers' money is doing its own talking as their perceptions continue to change, with recent <u>studies</u>

predicting that legacy banks will lose approximately \$159 billion in deposits to challengers within the next year. These institutions will need to match the speed, ease of use and novelty fully digital banks offer if they want to remain relevant.

Ninety-five percent of U.S. consumers have smart-phones, and an increasing number of legacy banks are making moves on fresh app designs and features to capture this consumer base. Some are even changing their overall mobile strategies. JPMorgan Chase is one such player, having shuttered its fully digital Finn offering to focus on its bank-branded mobile app, which leads the market with 35.4 million mobile banking users. Citibank made a similar move when it completely redesigned its mobile apps for easier navigation, hoping that customers respond with higher engagement and satisfaction rates.

Mobile apps and digital checking accounts are the bare minimum, however. Legacy institutions will also need to match challengers' banking fees. Overdraft and late fees are notoriously unpopular with consumers, and challenger banks have been exploiting that. Petal does not charge overdraft fees, and Monzo eliminated both overdraft and transaction fees. Legacy banks must examine how to best approach fees as the trickle of deposits heading to mobile banks becomes more of a stream.

Fees and mobile innovation are just two of the playing fields for challengers and legacy banks, and the battle between them will continue to change as time goes on.

Why branches still matter

Legacy banks still have some advantages that challengers lack, however. Digital banking is admittedly popular, but that does not mean consumers no longer want access to physical branches. Sixty-one percent of consumers <u>feel</u> it is important to have local bank branches nearby — a statistic that fully digital banks are unlikely to celebrate. Physical bank branches continue to be one of the most important ways to connect with customers who value access to locations as part of the banking experience.

It is worth noting that the number of consumers who consider physical branches <u>important</u> is down from 65 percent in 2018, according to a <u>PwC</u> survey.

Legacy players will need to continue to match the tools and services offered by challenger banks to remain relevant, whether that means innovating physical branches, mobile apps or other banking components. These established FIs must move quickly if they want to stay in sight of their younger competitors.

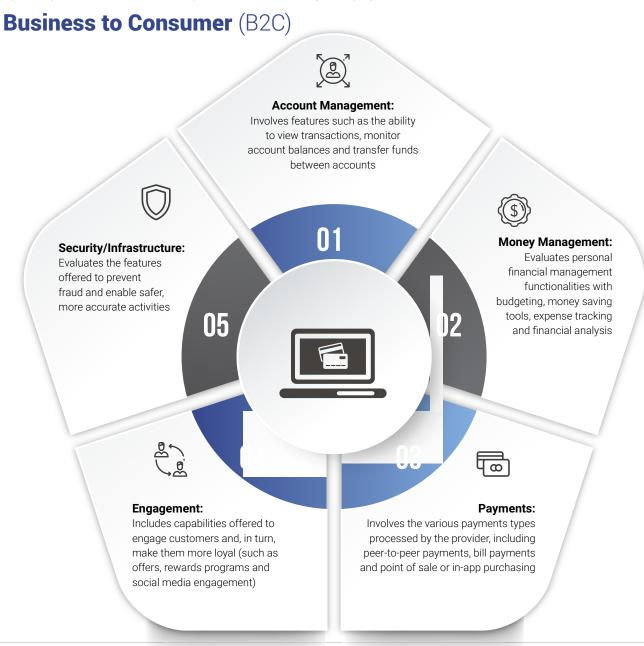


Scoring Methodology

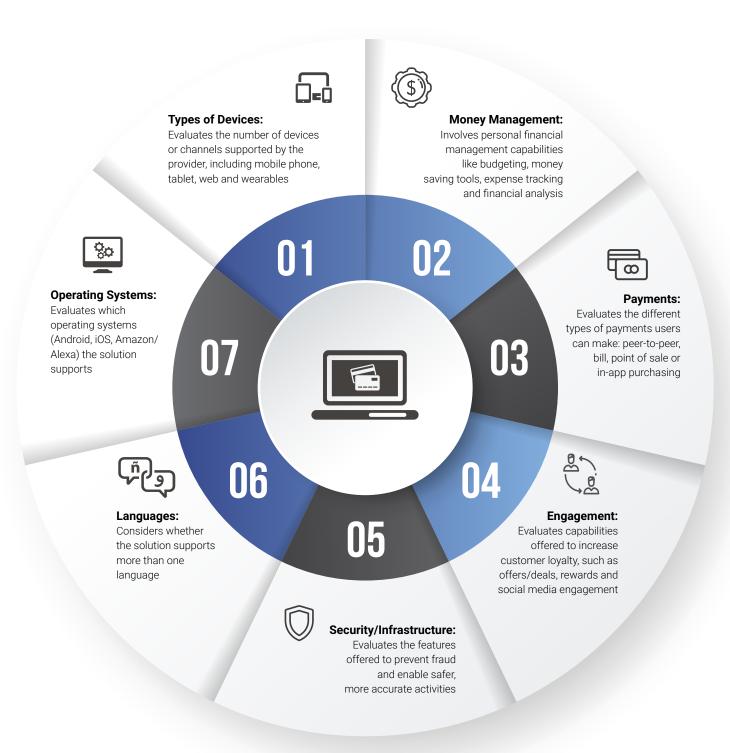
DIGITAL BANKINGSCORECARD

The Scorecard analyzes and evaluates individual providers across several capabilities, depending on whether they offer bank-to-consumer services or digital banking solutions for banks. The capabilities are weighted accordingly.

PYMNTS will periodically update scores based on new developments. If you would like your company to be considered for inclusion in the Tracker's Scorecard, or if you wish to have an existing listing reconsidered for an update, please head over to our profile submission/update page.



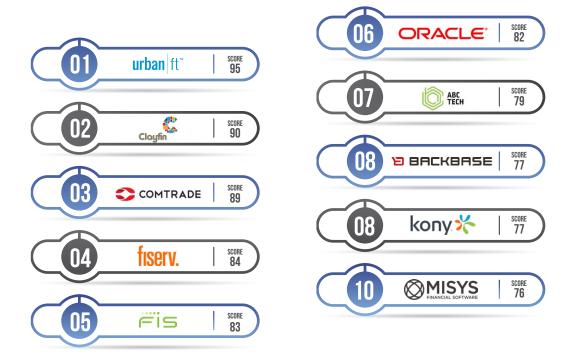
Business to Business (B2B)



B2C TOP 10 RANKING



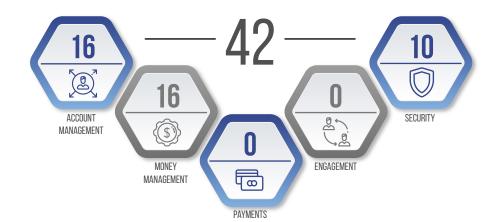
B2B TOP 10 RANKING



22SeVen

Company: 22seven Founded: 2012

Categories: Account Management, Money Management, Security



22seven is a money management application that brings together bank accounts, cards investments, loans and rewards in one digital place. 22seven enables users to track their money, as the app identifies each transaction and automatically puts it into a category like groceries, rent or pets. Users can also get personalized budgets automatically based on their spending habits and investment tools. The app offers 256-bit data encryption.

Aditya Birla Money **MyUniverse**

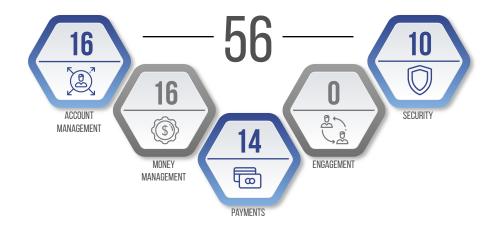
India's No. 1 Personal Finance Platform

Company: Aditya Birla Money

MyUniverse **Founded:** 2012

Categories: Account Management, Money Management, Payments,

Security

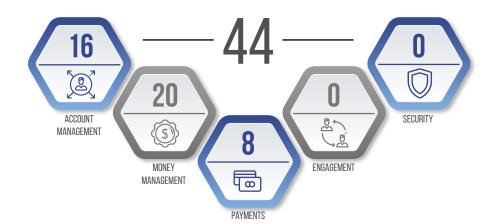


Offered through Aditya Birla Customer Services Limited, MyUniverse is an online money management app that enables users to track their money and invest it. Users can see all their financial details in one place by linking bank accounts, credit cards, mutual funds, stocks, loans, insurance, reward points and bills to MyUniverse. Users can also add their bill payments, set up reminders to pay them on time and use the auto pay option, which automatically pays bills before the due date every month.



Company: Albo Founded: 2014

Categories: Account management, money management, payments



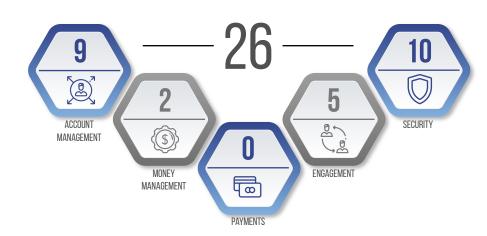
Albo is a mobile app for banking services such as spending and savings trackers. It also supports the company's credit card.



Company: Albert Founded: 2015

Categories: Account Management, Money Management, Engagement,

Security



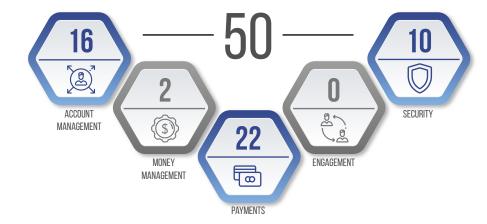
Albert is a personal finance app that connects to all of a users' financial accounts with the intention of improving their financial lives. It also allows users to take financial actions directly from the app.



Company: Ally Founded: 2009

Categories: Account Management,

Money Management



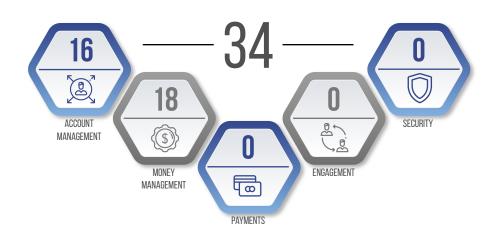
Ally offers customers a digital banking platform. Its solution includes mobile banking access and a team of customer service respresentatives.



Company: Anishu Founded: N/A

Categories: Account Management,

Money Management



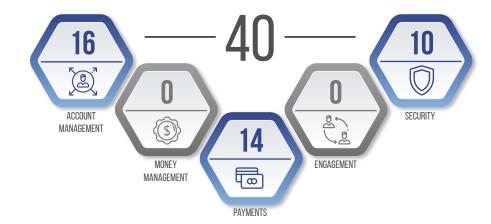
Anishu develops HomeBudget, an app that allows the tracking of expenses, income, bills due and account balances, as well as the creation of budgets and display of financial information in charts and graphs. The service comes with a Family Sync feature that syncs different devices within the same Wi-Fi or 3G network and allows members of the same household to work together in same budget.

Aspiration

Company: Aspiration Founded: 2013

Categories: Money Management,

Payments, Security



Aspiration is a financial firm that offers banking and investment products. Aspiration's Summit Account is a checking account with an app available for both iOS and Android that doesn't charge maintenance or ATM usage fees and can be used to pay bills and deposit checks, among other functions.

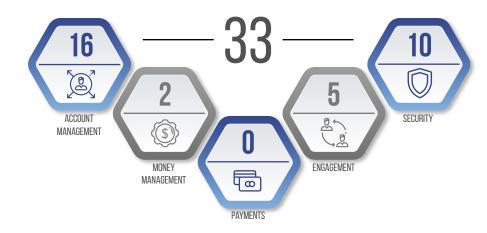


Company: Atom Bank

Founded: 2014

Categories: Account Management, Money Management, Engagement,

Security



Atom Bank is a mobile-only bank that provides users the ability to view all of their transactions, and its Fixed Saver tool helps them increase their savings. The digital bank uses biometric security and offers both face and voice recognition.



Company: AutoPayPlus

Founded: 2003

Categories: Money Management,

Payments, Security

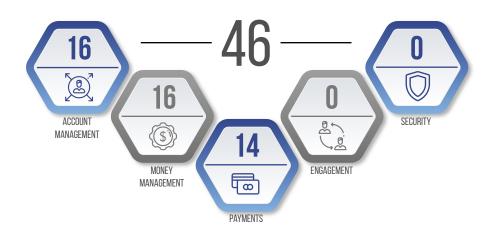


AutoPayPlus has developed an online personal financial management service that helps users to coordinate and accelerate the payoff of loans, create budgets and perform other financial tasks. The company's mobile app allows users to add and keep track of their rent payments, utility bills and other household bills.



Company: B Founded: 2016

Categories: Account Management, Money Management, Payments



Powered by U.K. FIs Clydesdale Bank and Yorkshire Bank, B is a mobile app that allows users to track savings by categorizing their spending. It comes equipped with a debit and credit card.

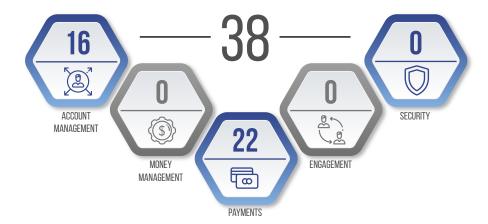


Company: Bank5 Connect

Founded: 2013

Categories: Account Management,

Payments



Bank5 Connect is a division of BankFive, a community bank based in Massachusetts. The company offers services that include checking accounts, saving accounts, bill and P2P payments and a mobile app.



Company: Bank of Internet USA

Founded: 1999

Categories: Account Management, Money Management, Payments,

Engagement, Security

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10

ACCOUNT SECURITY

MANAGEMENT

PAYMENTS

Bank of Internet USA is an internet-only bank that allows customers to transfer funds, manage their personal finances, monitor their spending habits and pay bills using its Mobile Banking App and FinanceWorks service.

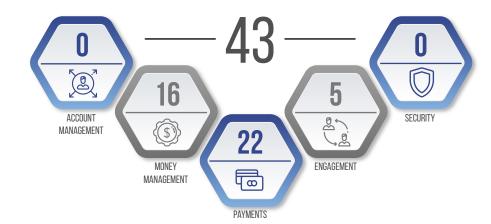
BankMobile

Company: BankMobile

Founded: 2015

Categories: Money Management,

Payments, Engagement



BankMobile is a digital bank that enables customers to see their daily financials and set goals and budgets to save money. Users can open an account, deposit money by taking a picture of a check using their mobile device's camera, send money to a friend using a cell phone number or email address, and pay bills.



Company: Bettr Founded: N/A

Categories: Account Management – Money Management - Payments

16

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COUNT
MANAGEMENT

8

ENGAGEMENT

PAYMENTS

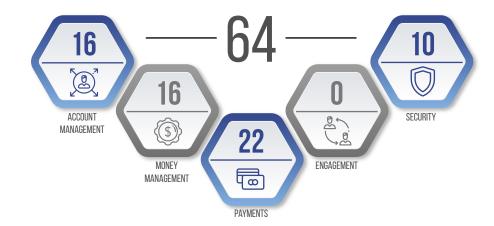
Bettr Bank offers a digital banking platform with spending features, insurance and investment possibilities. It also provides a mobile version.

brubank

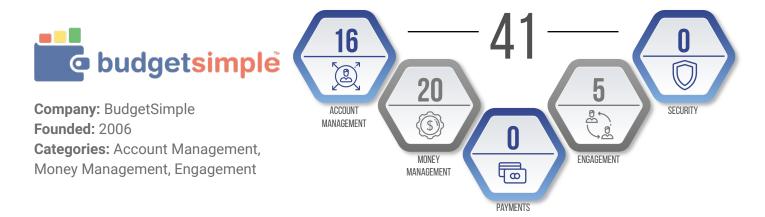
Company: Brubank Founded: 2018

Categories: Account Management, Money Management, Payments,

Security



Brubank provides a mobile app for Android and iOS devices that gives users access to most banking operations, as well the possibility to incorporate contactless credit cards. The app also offers a broad array of security measures, including the possibility to pause a credit card if it is lost.

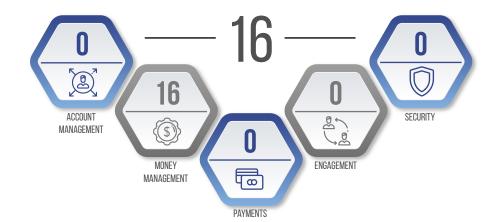


BudgetSimple is a free financial planner that helps users create a balanced budget. By logging on to Budget Simple from a computer tablet or smartphone, users can easily track their spending and understand their finances better. BudgetSimple also gives users financial advisory tips.



Company: BUDGT Founded: 2012

Categories: Money Management



BUDGT is a day-by-day financing application intended to help users with small monthly incomes manage their money and increase their savings. The app enables users to keep track of their expenses by creating daily automatic budgets based on what the users spent during the month, set up a personal monthly budget and check their daily expenses by category.

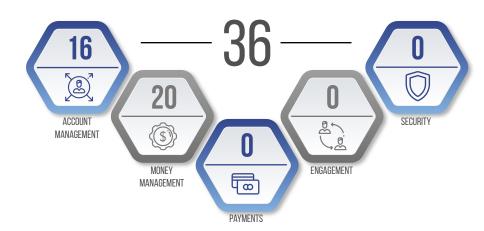


Company: BudgetBakers

Founded: 2014

Categories: Money Management,

Account Management



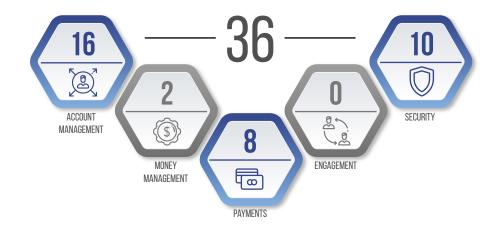
This Prague-based app links to customers' credit cards and bank accounts, helping them track monthly expenses to better highlight savings.



Company: bunq **Founded:** 2013

Categories: Money Management, Account Management, Payments,

Security

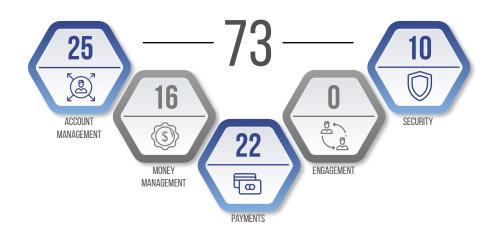


The mobile-only bank bunq offers its customers a digital banking solution that combines bank, wallet and card services. Its mobile application enables users to open multiple accounts and send money instantly to others by using their phonebook contacts. bung also offers a group bank account feature for shared expenses where users can split bills and set budgets.



Company: Buxfer Founded: 2007

Categories: Money Management, Account Management, Payments



Buxfer is an easy-to-use online management software for personal finance. Users are enabled to track bills and expenses among friends and families. Buxfer allows users to securely enter data from any bank and see all accounts at one place. The solution helps users to understand their spending, as it offers tools to categorize and visualize spending trends and also enables them to set weekly, monthly or yearly spending limits per category. Users can also receive alerts to their mobile devices when they exceed their budget and reminders for upcoming bills. In addition, Buxfer offers payments capabilities such as send money online and settle bills. The company provides a secure infrastructure, compliant with industry standards such as PCI and SOC 3.

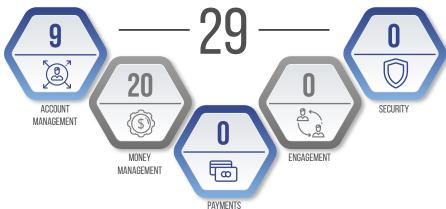


Company: CashControl

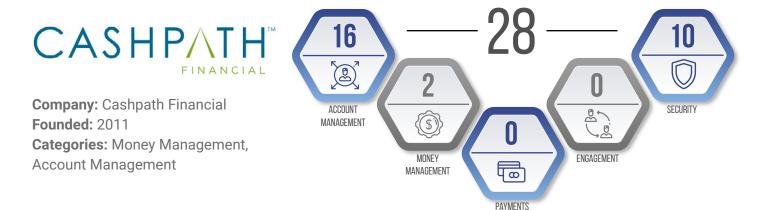
Founded: 2012

Categories: Money Management,

Account Management



CashControl lets users add their income or expenses, organize their spending in categories and budget and monitor them in real-time. Besides, CashControl reminds users to pay recurrent bills and helps them to spend less by setting target goals. The app also offers financial forecasting, analysis and solutions to financial problems, detailed reports on expenses, incomes and loans.



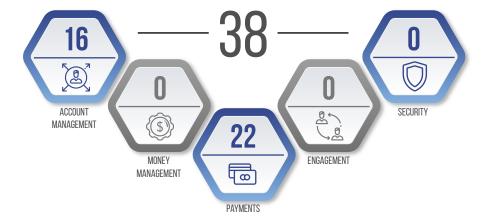
Cashpath Financial is a FinTech developer company and the creator of the Cashpath app. Users can link all their bank accounts and credit cards to the app and use a group of personal finance management tools that help them to gain a better control over their expenses. Cashpath predicts income and bills and can adapt the users expending and saving plans to unexpected expenses. Users' data is protected with bank level security.



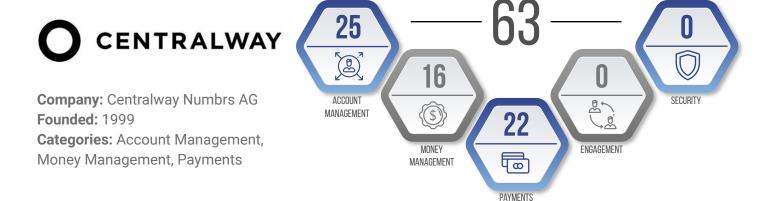
Company: CBD NOW Founded: 2017

Categories: Account Management -

Payments



CBD NOW is a United Arab Emirates-based digital bank. Its accounts can be opened with a picture or an ID scan, and it offers a mobile version and a debit card without minimum requirements.



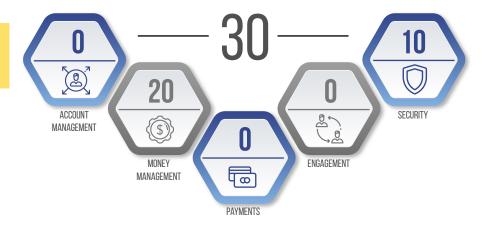
Centralway Numbrs is a financial services company with an app allowing users to control their account activity, analyze spending and send money. Users can also apply for a new bank account, loan or credit card through the app.

charlie

Company: Charlie Founded: 2017

Categories: Money Management -

Security

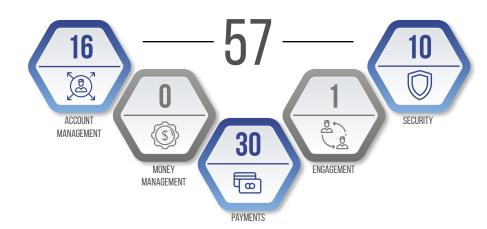


Charlie offers web-based financial management tools. Its solution includes an online bot that links with messaging and mobile apps to control personal finances and spending.



Company: Chillr Founded: 2014

Categories: Account Management, Payments, Engagement, Security



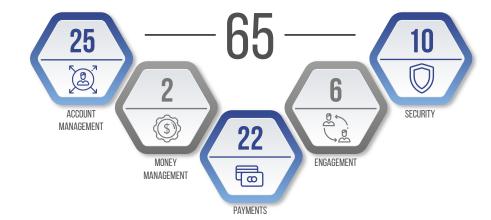
Chillr is a mobile bank that offers features ranging from money management to payments. Chillr users can pay their friends with the app's P2P capability or merchants either in-store or online, among other options.

chime

Company: Chime Founded: 2012

Categories: Account Management, Money Management, Payments,

Engagement, Security



Chime is a branchless bank account offering customers a debit card, spending account and savings account. The Chime app — available for both Android and iOS — enables users to pay bills, transfer funds between accounts and send checks, among other features.

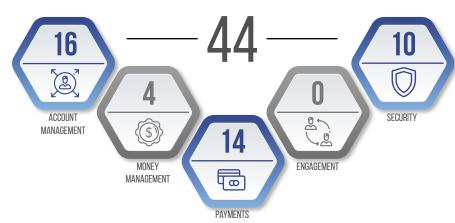


Company: ChimpChange

Founded: 2010

Categories: Account Management,

Payments, Security



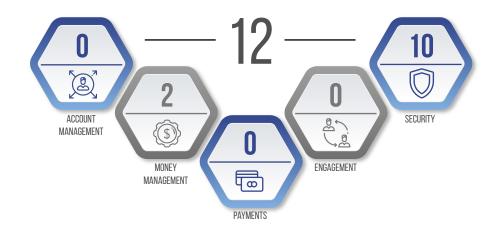
ChimpChange provides mobile digital banking services. The company enables users to send payments and do all their daily transactional banking from its mobile app. ChimpChange users get a prepaid Mastercard which can be used to make in-store/online purchases, pay bills and withdraw cash. The firm uses bank level security, secure two-factor authentication and biometric verification.



Company: Chip Founded: 2016

Categories: Money Management,

Security



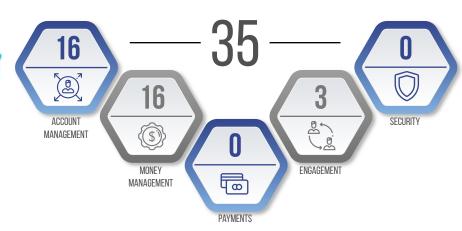
Chip is an automated savings bot app that connects to a user's online banking account, from where it can calculate how much money the user can afford to save and then moves that amount automatically into a Chip savings account.

claritymoney

Company: Clarity Money

Founded: 2016

Categories: Account Management, Money Management, Engagement

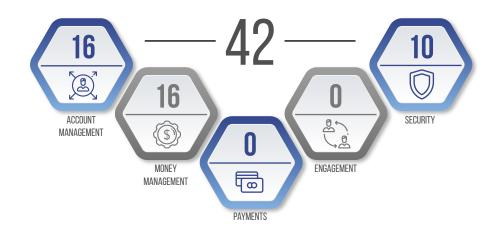


Clarity Money's app aims to help users reduce expenses in bills by looking for discounts and coupons, review where their money has been spent, promote credit cards that fit users' behavior and create a savings account.



Company: Cleo Founded: 2016

Categories: Account Management, Money Management, Security



Cleo AI is an artificial intelligence startup based in London. It allows users to access spending insights by dividing transactions into merchants or categories, helping them save money. All interaction occurs through text messages or Facebook Messenger.

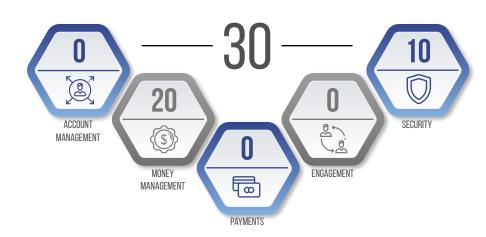


Company: CountAbout

Founded: 2014

Categories: Money Management,

Security



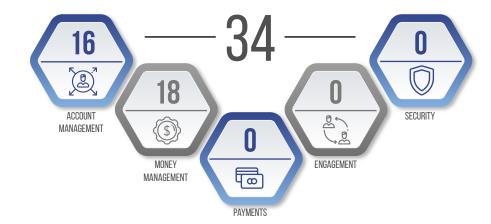
CountAbout is an online personal finance software provider that helps users track their finances and manage their money. The software offers a wide range of money management tools, including budgeting, transactions categorization, graphs for income and statements, recurring transactions, and split transactions among others.



Company: DailyCost Founded: 2012

Categories: Account Management,

Money Management



DailyCost has developed an expense tracker that is designed to help users organize their personal finances. The app, which is available in iOS, enables users to track daily expenses and supports different currencies, automatically updating their exchange rate.

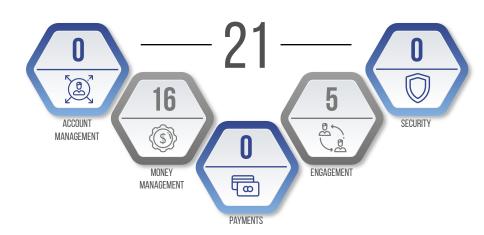


Company: Dayspring Technologies

Founded: 2009

Categories: Money Management,

Engagement



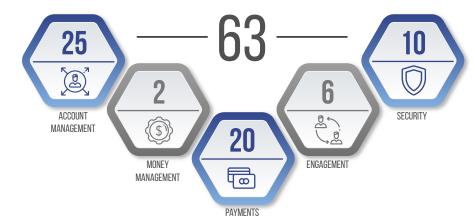
Dayspring Technologies is a web and mobile applications development firm. The company's GoodBudget app is designed to help users organize their spending and savings by categorizing their budget across various needs. The GoodBudget app also allows multiple household users to sync their budget using Android and iPhones.



Company: Debitize Founded: 2014

Categories: Account Management, Money Management, Payments,

Engagement, Security



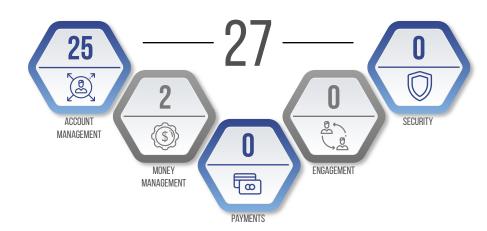
Debitize is a financial startup that controls and monitors user-linked credit card account transactions and automatically sets aside funds to cover purchases. Once the bills arrive, Debitize automatically pays them with the money saved. Users can also set spending alerts and customizable notifications to be on top of their financial situation. Regarding engagement features, users are enabled to earn rewards by using their credit cards. Debitize offers bank-level security features, 256-Bit Encryption and ID verification.



Company: Digit Founded: 2013

Categories: Money Management,

Account Management



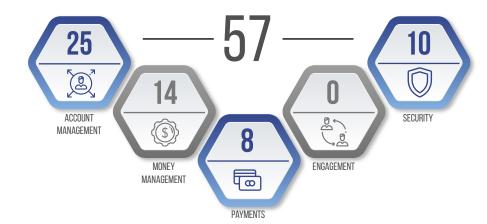
Digit helps users save by linking a user's bank account to the service and analyzing their spending habits. Based on income and spending, Digit will determine how much of a user's money it can set aside, and it will transfer that amount to a savings account. The company also allows users to check their latest transactions and savings via text message.



Company: DiPocket Founded: 2015

Categories: Account Management, Money Management, Payments,

Security

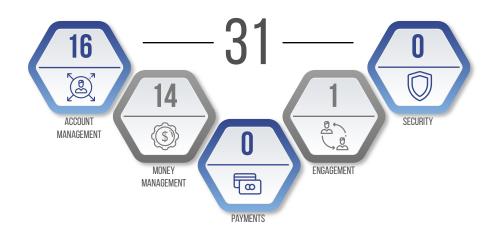


DiPocket offers a mobile banking app for iOS and Android, a prepaid debit Mastercard and several features including immediate money transfers between DiPocket users, real-time transaction notifications and spending tracking.



Company: Dollarbird Founded: 2011

Categories: Account Management, Money Management, Engagement



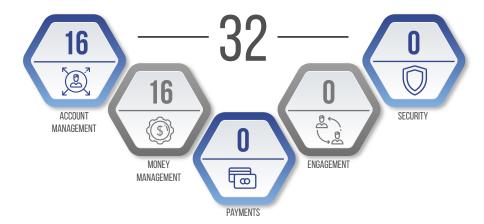
Dollarbird is an app allowing users to manage their personal finances. With Dollarbird, users can track, categorize and plan expenses in calendars, which they can share person-to-person (P2P) for joint financial planning.

Douugh

Company: Douugh Founded: 2016

Categories: Account Management,

Money Management



Douugh is a FinTech company that is developing an Al banking platform. The platform's virtual assistant, Sophie, aims to help users pursue financial stability, reach their personal savings goals and offers real-time insights into users' spending habits.

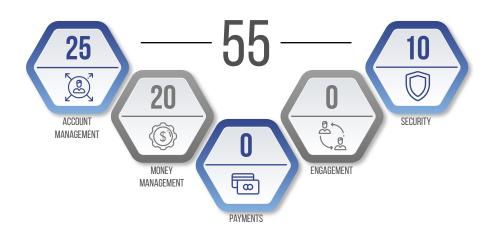


Company: Empower

Founded: 2016

Categories: Account Management,

Money Management, Security

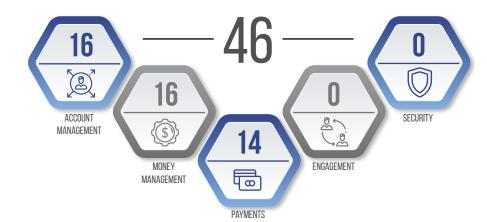


Empower is a smart money manager. The company's solution allows users to connect and move money between their accounts, set and track spending limits, and receive notifications with tips for saving and about money management.



Company: EQ Bank Founded: 1970

Categories: Accunt Management, Money Management, Payments



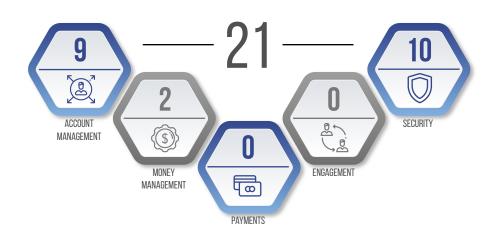
EQ Bank is a digital bank that allows users to use their smartphones to pay bills, check their account balance, transfer money, cash checks, track spending habits and set financial goals using the EQ Bank Plus Savings Account.



Company: Even Founded: 2014

Categories: Money Management,

Account Management



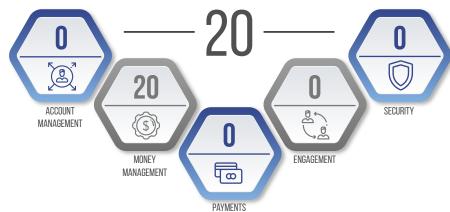
Even is a financial management software developer – "the supply side platform for alternative finance." The company's app helps users maintain steady income over time. By calculating the average income of individual users, the app establishes a savings rate when income is above average and, in turn, offers the user an interest-free deposit when income comes in below average. Even offers data encryption to secure users information.



Company: EveryDollar

Founded: 2017

Categories: Money Management



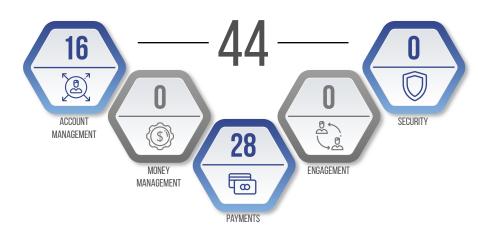
EveryDollar offers an Android-based app for monthly budgeting and spending allocation. It also helps users plan for approaching expenses.



Company: Eyowo Founded: 2018

Categories: Account Management -

Payments



Eyowo is a digital payment solution that allows users to make P2P transactions, bill payments and cardless ATM with-drawals without a bank account. The mobile app was founded with the intention of offering financial services to unbanked residents of Nigeria.

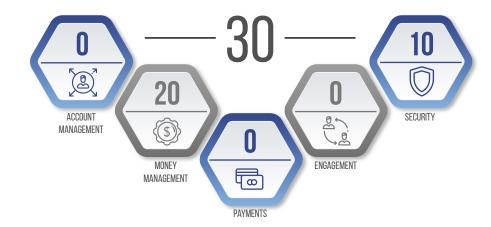


Company: Fast Budget

Founded: 2016

Categories: Money management,

security



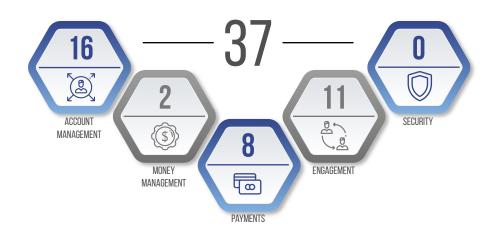
Fast Budget enables users to track and categorize expenses. It also gives them personalized advice and assistance based on their spending habits.



Company: Ffrees Founded: 2012

Categories: Account Management, Money Management, Payments,

Engagement



Ffrees provides money management tools to help users stay in control of their finances. The firm offers an account dash-board and smartphone-friendly access. Users can see all their transactions, set budgets, save money and get spending rewards when making in-app purchases. They also receive a Visa card to make purchases in-store and earn points.

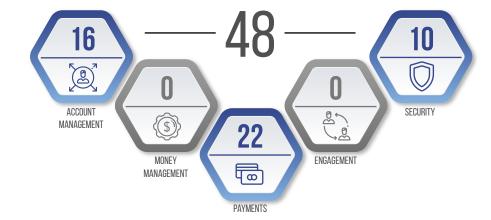


Company: Fidor Bank

Founded: 2009

Categories: Account Management,

Payments, Security



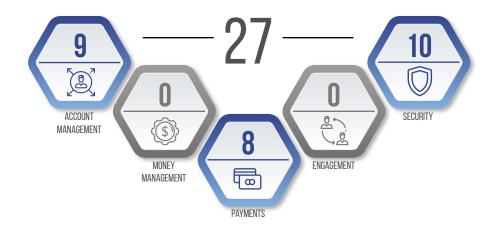
Fidor Bank is an online bank that covers retail and business banking ranging from basic bank accounts and savings bonds, to various lending offers. It includes the "instant transfer to friends" feature and allows user to access their balance and transaction history to maintain an up-to-date overview of all transactions and set notifications for their incoming and outgoing payments. The bank also offers a Debit MasterCard which allows users to make online and offline purchases as well as cash withdrawals. In addition, Fidor Bank provides social media engagement features and enables users to connect their bank account with Twitter, Facebook, YouTube, Google+, LinkedIn and Instagram. Moreover, it offers a bonus program that rewards users for helping other Fidor community members.



Company: Finch Founded: 2016

Categories: Account Management,

Payments, Security

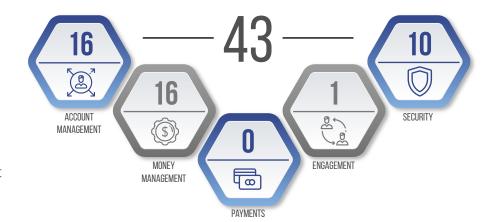


Finch is a FinTech startup focused on personal financial solutions. With the Finch app, users can pay friends, run tabs, split bills and receive spending insights.



Company: Finicity Founded: 1999

Categories: Money Management, Account Management, Engagement

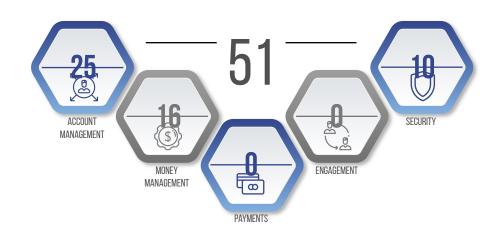


Finicity offers a platform and API for financial technology developers to integrate customer financial data into their apps. The company's budgeting app, Mvelopes, is a personal finance management solution that enables users to import their bank and credit card account, create online budgets and track their spending. Mvelopes uses encryption technology to protect sensitive information during transmission.



Company: Fintonic Founded: 2011

Categories: Money Management, Account Management, Security



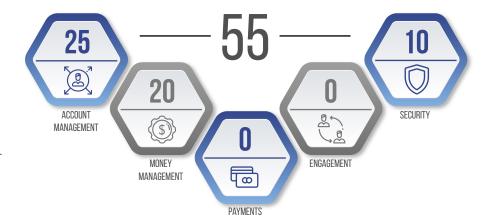
Fintonic's mobile banking tools are intended to help customers better understand their finances. By entering all of their accounts as well as their financial information, users can organize their expenses into categories, receive automatic monthly forecasts, analyze their spending habits and set up alerts for when money movements are detected.



Company: Frollo Founded: 2017

Categories: Account Management -

Money Management

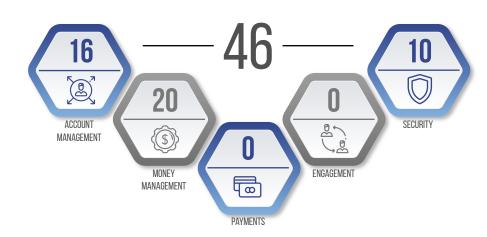


Frollo is a personal finance and budget app that lets you manage all of your expenses and track savings. It allows users to set goals and provides them with graphs and insights into personal spending.

gini

Company: Gini Founded: 2016

Categories: Account Management, Money Management, Security

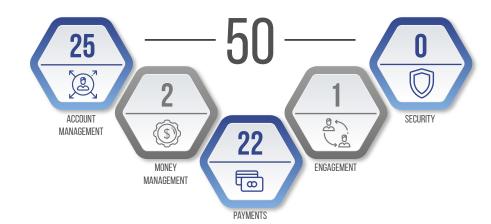


Hong Kong-based Gini is a startup financial app that tracks users' spending by syncing with their credit cards and bank accounts to offer financial insights.



Company: Green Dot Founded: 1999

Categories: Money Management, Account Management, Payments

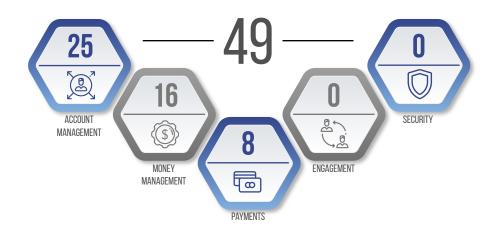


Green Dot is a financial and money management solutions provider that offers consumers financial services through retailer locations including Walmart, Walgreens, Kmart, Kroger, 7-ELEVEN and more. The company developed GoBank, a low cost online bank that offers direct, cash and check deposits. GoBank also allows users to set up budgets to understand their spending, send money via email or mobile number and set reminders to pay their bills. It also offers social engagement programs on Facebook, Twitter, Instagram and YouTube.



Company: GoHenry Founded: 2002

Categories: Account Management, Money Management, Payments



GoHenry offers young people a tool to learn how to manage money responsibility under the guidance of their parents. The company provides users an app with PFM tools and a VISA prepaid debit card.

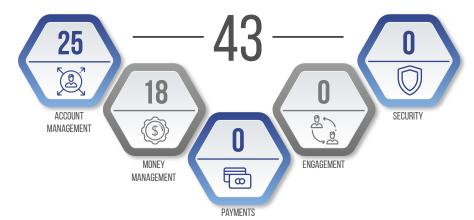


Company: Handy Apps

Founded: 2010

Categories: Money Management,

Account Management



Handy Apps is an app developer that offers personal financial manager Expense IQ. The Expense IQ app enables users to track their expenses and organize them in categories. Expense IQ also delivers bill reminders and reports on spending behavior.

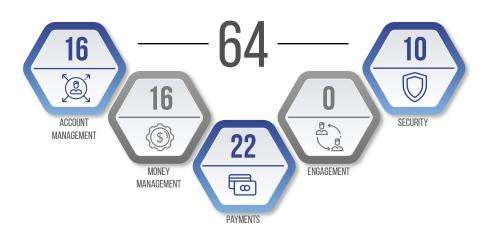


Company: Hello bank!

Founded: 2013

Categories: Account Management,

Payments



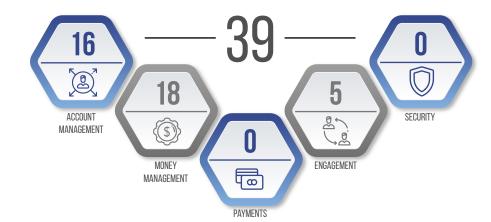
Hello bank! is digital bank owned by BNP Paribas that operates in Belgium, France, Germany, Italy and Austria. Users have access to the BNP Paribas ATM network.



Company: Halcyon Mobile

Founded: 2005

Categories: Account Management, Money Management, Engagement



Halcyon is a mobile software development company whose products include Dollarbird, a personal financial manager enabling users to organize their expenses and income by seeing where money is going and how transactions evolve over time.

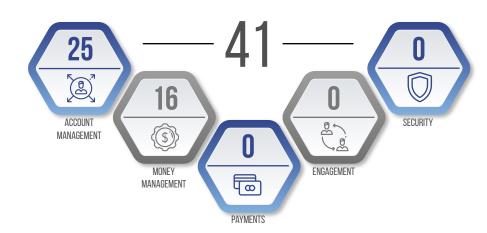


Company: HelloWallet

Founded: 2009

Categories: Money Management,

Account Management

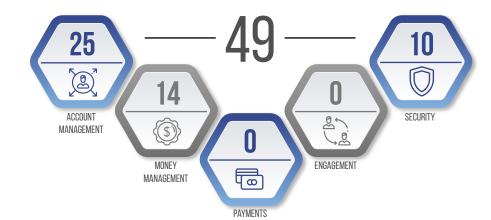


HelloWallet is a web and mobile app designed to provide employees with personalized financial guidance. It helps employees make the most of their salary and benefits, build financial wellness now, and get ready to retire when the time comes. The app also offer step-by-step guidance around Emergency Savings, Retirement, Debt Reduction and more. Bank accounts sync for real-time updates, allowing members to access transactions and balances across all their accounts.

honeydue

Company: Honeydue Founded: 2016

Categories: Money Management, Account Management, Security

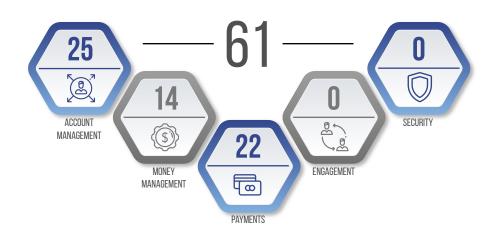


Honeydue is a personal finance app for couples. The app allows user to track their bills, bank balances and spending together: couples using it can see how their spending is divided by categories.



Company: Hoot Founded: 2014

Categories: Account Management, Money Management, Payments

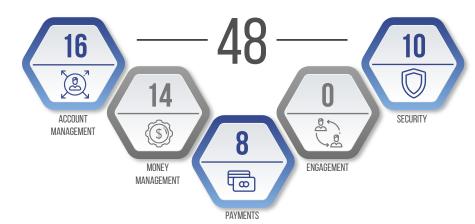


Hoot, a subsidiary of FinTech startup Qvivr, offers a bank account, smart debit card and app. The Hoot app offers transaction categorization and spending alerts and has a customizable display.

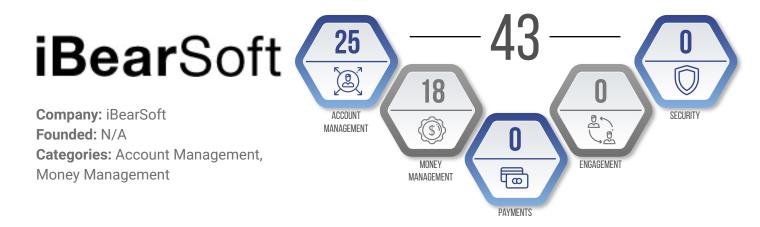


Company: Hufsy Founded: 2015

Categories: Account Management – Money Management - Payments



Hufsy is a smart digital bank account and full-scale financial system offering transaction monitoring, financial tools and bookkeeping solutions.



iBearSoft develops apps to help users better manage their expenses, such as Money Pro, Checkbook HD and Bills. Money Pro enables users to view unlimited number of accounts in one place (checking, savings, credit card, etc.), set transactions as recurring and check their balance history. Moreover, users can create budget entries and add transactions into different categories. Money Pro offers detailed reports with trend charts, income and expenses, cash flow and a projected balance.

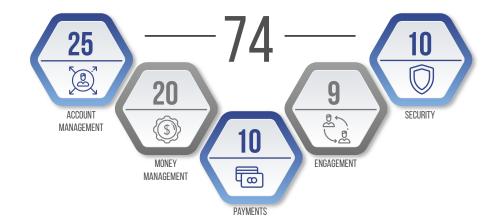


Company: imaginBank

Founded: 2016

Categories: Account Management, Money Management, Payments,

Engagement, Security



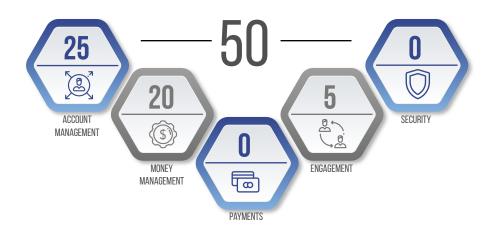
Created by CaixaBank, imaginBank is a mobile-only bank that lets users manage their money, see their transactions and set alerts, make P2P payments, and pay at the point of sale using the app. Among other features, the digital bank also enables users to check their spending, see all of their purchases and bills sorted automatically by categories, and set monthly spending budgets.



Company: in Ex Finance

Founded: 2011

Categories: Money Management



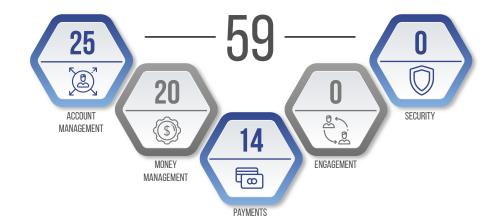
InEx Finance, owned by D&D Limited, is an online personal finance software. This solution brings all accounts together in one secure place and helps users efficiently manage their money. Users can track their expenses and set short or long-term financial goals, manage their debts, make deposits, monitor payments and set email notifications about due dates. InEx also provides around 30 different reports, with charts and tables that help users to read their finance trend by compearing spending over time.



Company: Infinite Kind

Founded: 1999

Categories: Money Management, Account Management, Payments



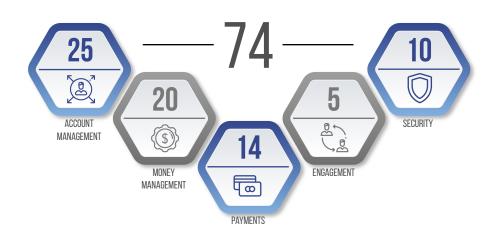
Infinite Kind is a software developer company which creates different types of mobile, desktop and server applications. Infinite Kind developed MoneyDance, an easy to use personal finance app that offers a wide range of features including online banking and bill payment, account management, budgeting and investment tracking. Users can set up a payment schedule for single or recurring transactions, and use the graphing tool to generate visual reports of their income and expenses. MoneyDance handles multiple currencies and virtually any financial task with ease.



Company: Intuit Mint

Founded: 2006

Categories: Money Management, Account Management, Payments

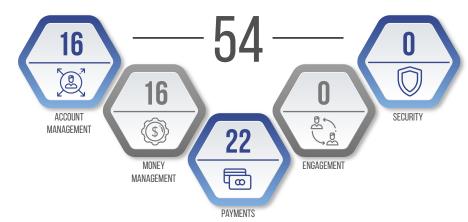


Acquired by Intuit in 2009, Mint lets users better manage their money. By connecting accounts, cards and bills to the app, the user can create budgets and plan saving objectives. Mint will also tell the user when their expenses are exceeding the planned budget, when unusual or suspicious money movements arise, how much the user is spending in fees and when a bill payment is around the corner. Intuit Mint also provides free credit scoring and portfolio managing tools. Users data is secured and encrypted with a 256-bit encryption level.



Company: Jenius Founded: 2015

Categories: Account Management – Money Management - Payments



The Jenius app proposes ways to manage personal finance, and includes a savings account, worldwide access and important safety features.

kakao**bank**

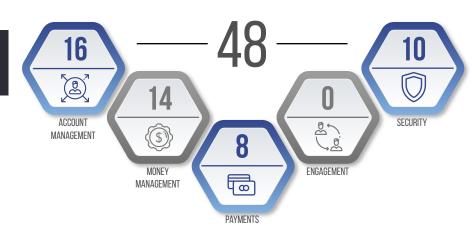
Company: Kakao Bank

Founded: 2016

Categories: Account Management

- Money Management - Payments -

Security



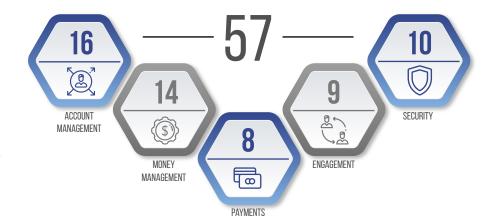
Kakao Bank offers a digital-only banking service. Its solution includes features like deposits, loan applications and money transfers, among others.



Company: KBank Founded: 2017

Categories: Account Management -

Engagement

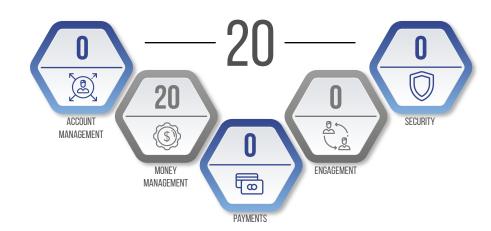


KBank provides online banking services. Its features include deposits, loans, a credit card offering, loan applications and wealth management capabilities.



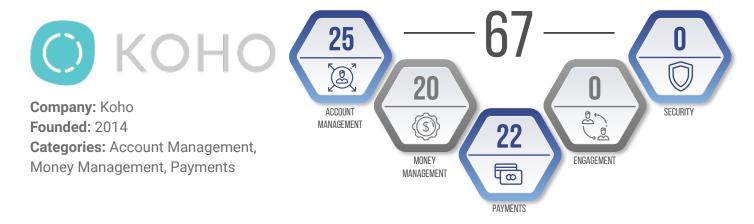
Company: Keepsoft Founded: 2003

Categories: Money Management



Keepsoft Home Bookkeeping, owned by Keepsoft, is a finance management tool that enables users to keep track of personal and home finances. The app helps users to track their expenses and incomes, and control borrowed and loaned money. It also allows users to analyze their finances by using visual reports and charts.

UPDATED



Koho is a Canadian FinTech company. The company's app enables users to track spending and savings patterns. The company also offers customers a spending account associated with a Visa card that contains features such as bill payments, money transfers and saving goals.



Kontist provides banking solutions for freelancers, including business accounts, tax tracking, credit cards and system integrations that work with accounting and bookkeeping tools.

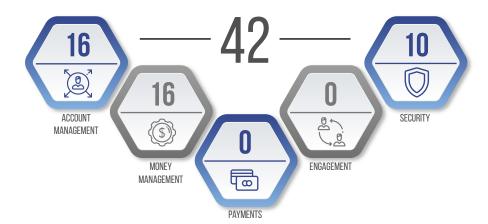


Company: Kudimoney

Founded: 2016

Categories: Account Management -

Engagement



Kudimoney offers an online banking solution designed to make it easier for customers to pay bills, family and friends. It also offers money transfers via messaging and a chatbot, among other features.



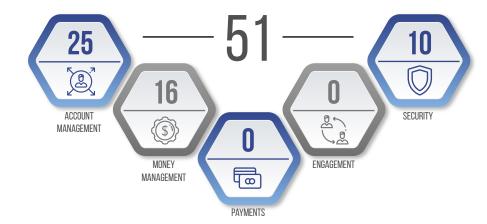
LearnVest helps the user develop a saving plan. Their approach is based in four steps: defining credit card debt, emergency savings and retirement goals, later adding personalized goals over them, selecting a budgeting strategy and finally getting guidance on how to archive the defined goals. The company provides not only online/mobile tools to help the user in the saving process, but also a dedicated financial planner available via email. Learnvest uses 128-bit encryption in order to keep users information fully protected.

Life Counts

Company: LifeCounts

Founded: 2013

Categories: Account Management, Money Management, Security



LifeCounts is a mobile service that allows users to securely link their financial accounts from different institutions to the platform and check their account balances and transactions. The app tracks user spending and provides alerts and insights.



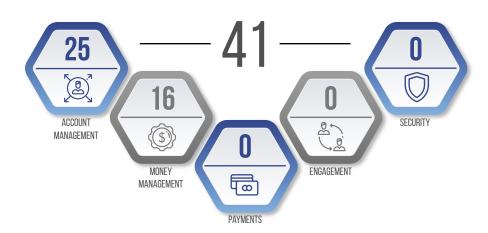
Company: Limitless Technology

Group

Founded: 2010

Categories: Account Management,

Money Management



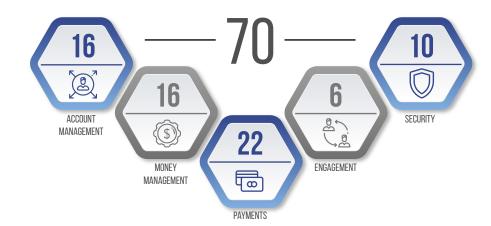
Limitless Technology Group is a financial technology company developing solutions to aid financial institutions and banks. The company's moneysmart app is designed to help users better manage their money and increase their savings. Customers can link all their accounts into moneysmart with a single view, confirm their fixed incomes and expenses and improve their money management.



Company: Liv Founded: 2017

Categories: Account Management, Money Management, Payments,

Engagement, Security



Liv is a digital-only bank that operates as a subsidiary of Emirates NBD group. Its app enables users to open accounts, pay utility bills and transfer funds as well as receive offers and rewards.

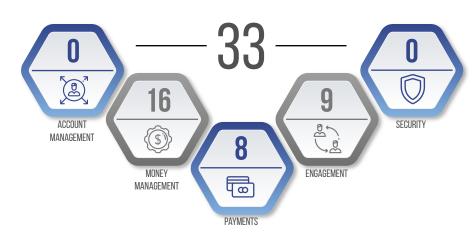


Company: Loot Financial Services

Founded: 2014

Categories: Money Management,

Payments, Engagement

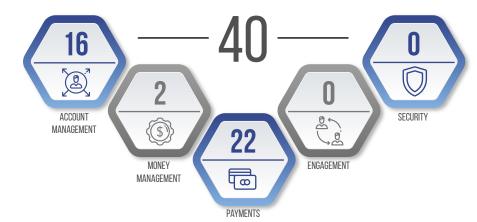


Loot Financial Services is a personal finance management app that gives users tools to better understand and control their money. Customers can group their transactions into categories, compare their spending habits against other users and set up goals to let the app budget their daily spend.



Company: Lunar Way Founded: 2018

Categories: Account Management – Money Management - Payments



Lunar Way provides digital banking solution for young consumers. Its offering is focused on convenience and technology.

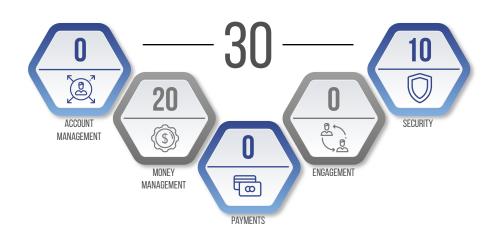


Company: manageME7

Founded: N/A

Categories: Money Management,

Security



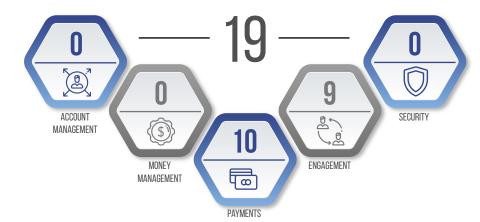
manageME7 is an online money management app that helps users track their spending. Users can create multiple accounts in different currencies and add transactions. They can also categorize their expenses into different categories, add budgets and view financial reports based on accounts, transactions or budget type.



Company: MashreqNeo

Founded: 1967

Categories: Payments, Engagement



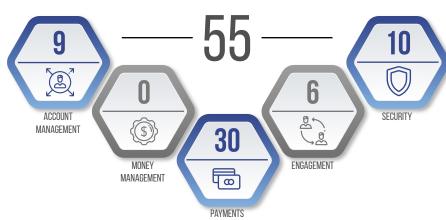
MashreqNeo is a digital bank powered by private banking company Mashreq. Its customers can apply for various bank accounts like checking or salary savings, make peer-to-peer (P2P) and point-of-sale (POS) payments and receive rewards and offers.



Company: MemoryBank

Founded: 1982

Categories: Account Management, Payments, Engagement, Security

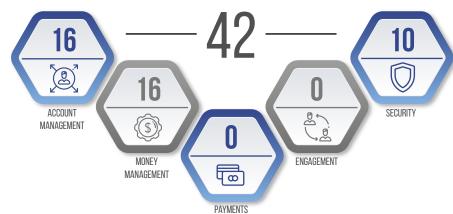


MemoryBank, a division of Republic Bank & Trust Company, is a digital-only banking platform offering different capabilities across its products. These include push notifications, moneyback rewards, money transfers and the use of Apple Pay and Samsung Pay.



Company: Mobills Founded: 2014

Categories: Account Management, Money Management, Security



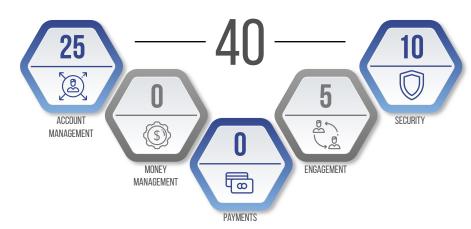
Mobills develops personal finance management solutions. Its products are designed to provide credit card management, expenses categorization, saving tools, bill reminders and charts to display users' financial data, among other features.



Company: Mogo Founded: 2003

Categories: Account Management,

Engagement, Security



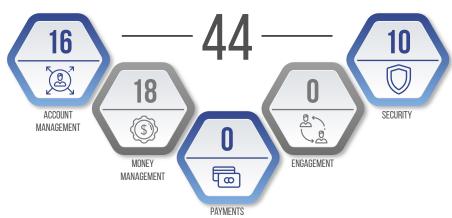
Mogo is a financial technology company that offers their users three different features: a credit score updated monthly, a spending account that allows for transaction tracking and a preapproval on a personal loan.



Company: Momentum Financial

Technology Ltd **Founded:** 2011

Categories: Money Management, Account Management, Security



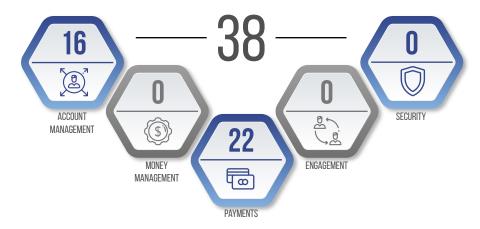
Momentum Financial Technology Ltd develops money management and financial applications. The company operates MoneyHub, a money management startup designed to help users manage their finances and control their investments. The app gives clients a picture of their financial situation, and users can connect their MoneyHub account to their bank accounts, credit cards and investment accounts. MoneyHub intuitively categorizes users' transactions and enables users to understand their spending habits.



Company: Monese Founded: 2013

Categories: Account Management,

Payments

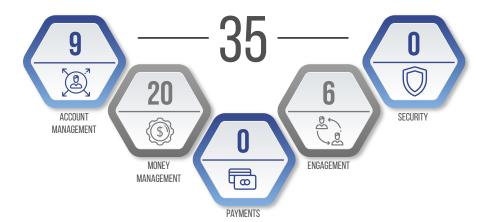


Mobile banking services firm Monese offers solutions that allow individuals and businesses to open U.K. banking accounts from their smartphones. Upon opening a Monese bank account, users can receive salary payments, get a contactless card, deposit cash, send money to friends, pay bills, make international transfers and manage their money.



Company: MoneyLion Founded: 2013

Categories: Account Management – Money Management – Engagement



MoneyLion is a finance app designed to provide users with alternatives to traditional borrowing and investing. It also offers budgeting and spending tools, financial tips and a rewards program.

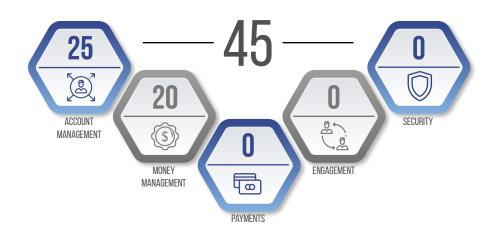


Company: Money Lover

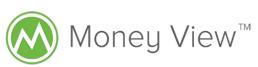
Founded: 2011

Categories: Money Management,

Account Management



Money Lover is a smart application that offers users finance and expenses management tools. The app enables members to track their expenses over time and set monthly or annual budget in order to cut back on extra and non-essentials and save more money. With Money Lovers, users can schedule for upcoming payment or recurring transaction and get notified on the due date. Moreover, it helps them to understand their spending trends and provides visualized bar and pie charts which show accurate picture of their financial standard.



Company: Money View

Founded: 2014

Categories: Money Management, Account Management, Payments



Money View is a financial management app that helps users to organize their expenses and manage banking accounts. The app allows users to track their money and get financial analysis and real-time account balances. The app also allows users to set reminders for bill payments and easily pay them.

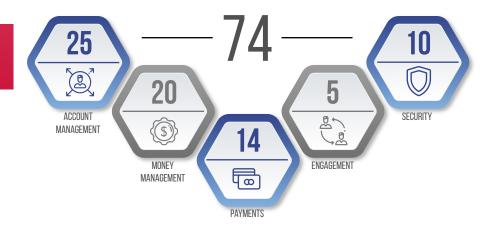
Moneyspire.~

Company: Moneyspire

Founded: 2007

Categories: Money Management, Account Management, Payments,

Security



Moneyspire is a personal finance software company. With Moneyspire, users can track their accounts and see their account balances. The app enables users to record their transaction activity, set budgets, categorize their spending and income, set bill reminders, and get financial reports and charts. User's personal information is password encrypted with AES 128-bit military-grade protection and all online banking features are done through encrypted SSL connections.



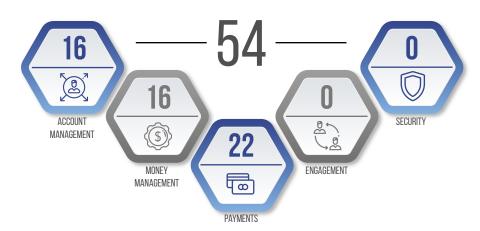
Monzo is a digital bank with headquarters in the U.K. The company offers a contactless prepaid Mastercard in addition to other tools like real-time spending notifications, instant transfers to other Monzo users and data insights on money spending, among others.



Company: Motusbank

Founded: 2019

Categories: Account management, money management, payments



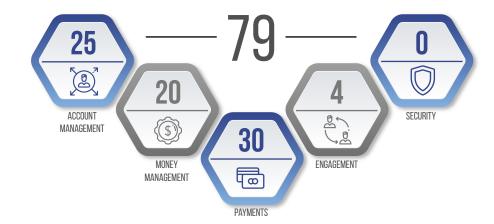
Motusbank provides Canada-based traditional banking services via a digital platform. It offers payment and person-to-person (P2P) money transfers as well as mortgages.



Company: Moven Founded: 2011

Categories: Money Management, Account Management, Payments,

Engagement



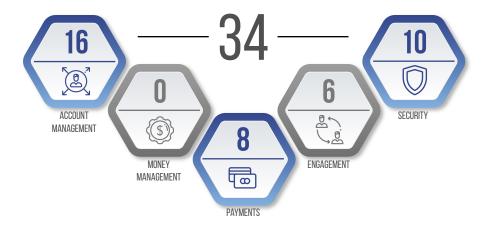
Moven developed a digital banking app that allows users to manage money and analyze monthly expenditures. The company helps users to get an accurate pictue of their spending behavior by tracking their expenses and instantly adding each transaction into different categories. Additionally, Moven offers P2P and bill payments as well as a prepaid card for in store and online purchases with NFC sticker to make POS payments. Regarding customer engagement, Moven has an offers marketplace that provides deals.



Company: MyBank Founded: 2015

Categories: Account Management,

Engagement



MyBank offers a digital money lending platform. The company aims to provide banking services and loans for small and micro-sized enterprises.



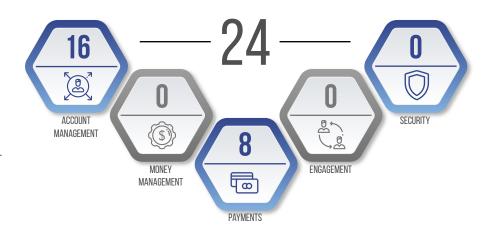
Mylo is a personal finance app that automatically rounds up every purchase the user makes and invests the spare change. Mylo also provides insights into the user's finances regarding banking fees, loan interests rates and mortgages, among other services.



Company: Neat Founded: 2015

Categories: Account Management -

Payments

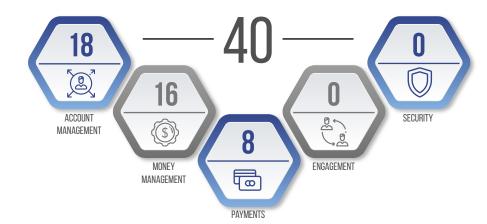


Neat is a mobile checking account solution for underbanked people and companies in Asia. It enables payments, salary reception and person-to-person (P2P) transactions.



Company: Next Founded: 2017

Categories: Account management, money management, payments

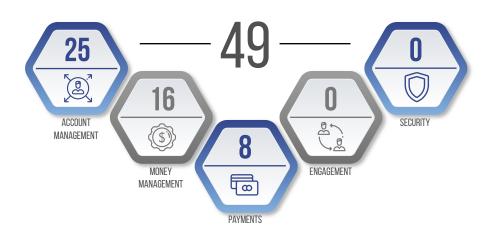


Next is a digital bank that offers debit and credit cards and gives users discounts on events and at stores, while also allowing them to more easily deposit salaries and income.



Company: Nimbl Founded: 2015

Categories: Account Management, Money Management, Payments

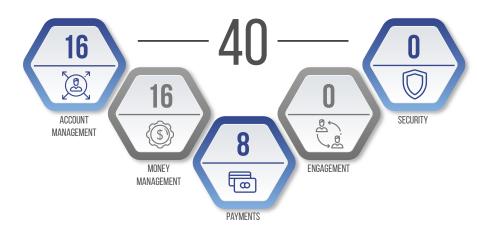


Founded by ParentPay in 2015, Nimbl is a child-safe app that allows parents to formulate budgets for their children, providing the former with access to their kids' accounts to help them form positive spending and savings habits.



Company: Nubank Founded: 2013

Categories: Account Management – Money Management – Payments



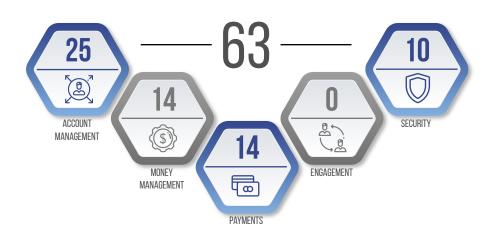
Nubank is a FinTech company that acts as a digital bank and credit card operator. The company's products include a digital account, known as NuConta, and an international credit card — both of which do not incur fees. Its mobile app allows users to track credit card transactions in real time, block credit cards, apply to raise limits and contact customer support.



Company: NUMBER26

Founded: 2013

Categories: Money Management, Account Management, Payments



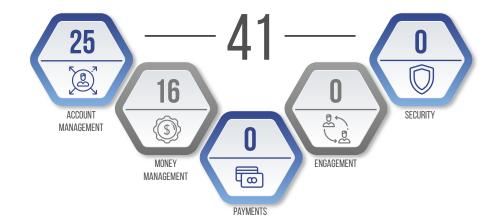
NUMBER26 develops a fully digital bank service that allows users to withdraw and deposit money in around 6,000 shops across Germany. It also offers money transferring push notifications. The service also allows users to transfer money to friends (without knowing their bank account number), online purchases, categorize their expenses and activate customized overdraft limits. Users can protect their accounts by setting access through their fingerprint and they are able to block and unblock their cards with just one click.



Company: Osper Founded: 2012

Categories: Account Management,

Money Management



Osper is a mobile banking service designed to help parents teach their children smart financial habits. Osper offers young people a debit card and access to a mobile banking app that allows them to categorize their spending. Parents can use the mobile app to monitor their children's spending habits, check balances, transfer money and perform additional services.

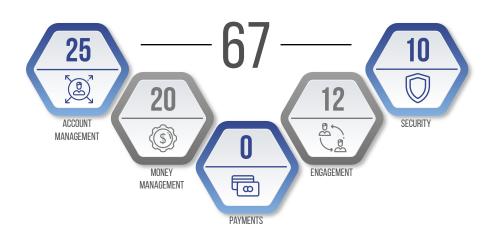


Company: Oval Money

Founded: 2016

Categories: Account Management, Money Management, Engagement,

Security



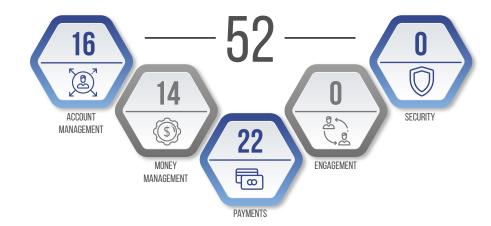
Oval Money offers a mobile app for iOS and Android that helps people save money through round-ups of transactions, a fixed percentage of transactions or by a fixed amount. Through integration with Facebook, Oval Money also allows users to contribute to their savings each time they post on social media.



Company: Oxygen Founded: 2018

Categories: Account Management, Money Management, Payments,

Security

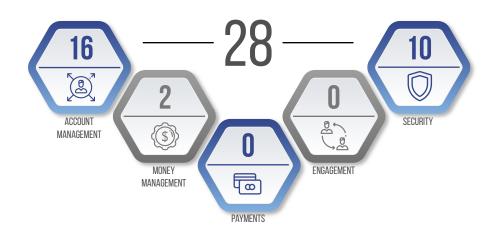


Oxygen is a digital bank focused on freelancers. The bank provides members of the gig economy with debit cards, access to loans and financial insights, among other services.



Company: Pariti Founded: 2014

Categories: Money Management



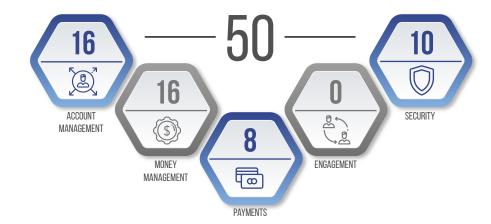
Pariti, formally Pariti Technologies Limited, is a company developer of the savings app of the same name. The app works on an expenses prediction engine which, based on income and future bills, allows users to know how much money they can spend without transposing their budget boundaries. The app makes a daily update where the user can see how much money is left to spend.

payzello

Company: Payzello Founded: 2016

Categories: Account Management, Money Management, Payments,

Security

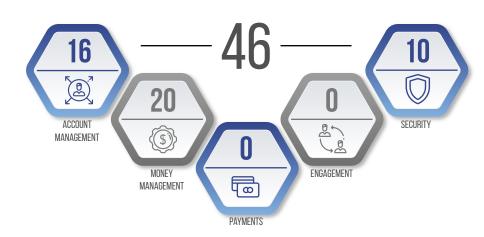


Payzello is an Indian neobank that offers consumers traditional banking features through its online platform and provides them with a mobile app and the ability to make person-to-person payments.



Company: Penny Founded: 2015

Categories: Account Management, Money Management, Security



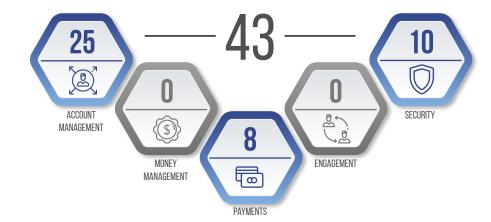
Penny is a personal finance app that helps the user track income and spending by chatting with a personal finance manager, a chatbot named Penny. Penny uses a user's statement history to provide them with different information such as spending insights, forecasts or upcoming bills.

PEPPER.

Company: Pepper Founded: 2001

Categories: Account Management,

Payments, Security



Pepper is a mobile-only bank and part of the Leumi Group. Pepper's services include credit cards, account transactions, loans and P2P payments.

III PERSONAL CAPITAL

Company: Personal Capital

Founded: 2009

Categories: Account Management, Money Management, Security

16
10
ACCOUNT
MANAGEMENT

NONEY
MANAGEMENT

PAYMENTS

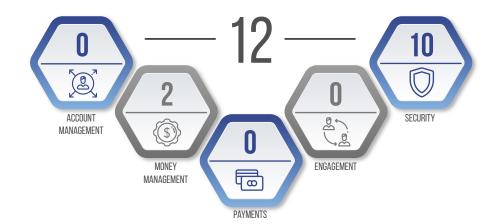
Personal Capital develops tools and wealth management solutions to help individuals manage their finances. The company's solutions enable users to obseve their spending activity by account and category, receive income reports and analyze their net worth and porfolio balances, among other capabilities.



Company: Plum Founded: 2016

Categories: Money Management,

Security



Plum is a personal saving assistant that works on Facebook Messenger. Users can link their bank account to the software and allow Plum to analyze their transactions to understand their spending and income. The company can provide users with a personal rate of saving, which will then be transferred into a Plum savings account.

PocketBook

Company: Pocketbook

Founded: 2012

Categories: Account Management, Money Management, Security

25

10

ACCOUNT
MANAGEMENT

18

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ENGAGEMENT

PAYMENTS

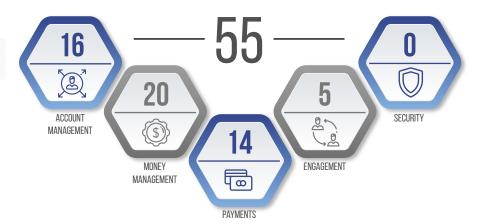
Pocketbook is a personal financial manager solutions developer. Its app connects to users' bank and offers a real-time view of finances, automatically organizing expenses by category and displaying the information as charts and notifications.

POCKET **EXPENSE**

Company: Pocket Expense

Founded: N/A

Categories: Account Management, Money Management, Payments



Pocket Expense is finance software designed to help users track and understand their finances. This software brings all financial accounts together and categorizes transactions, tracks bills and sets reminder alerts, and lets users set budgets as well as financial goals. Users can pay the bills with just one tap. Pocket Expense also provides statistics and reports of all transactions.



Company: PocketGuard

Founded: 2015

Categories: Account Management, Money Management, Security

16

ACCOUNT
MANAGEMENT

ACCOUNT
MANAGEMENT

BOOK
SECURITY

PAYMENTS

PocketGuard is a personal finance management application that enables users to connect all their financial accounts and create budgets, track their money and categorize their expenses. Users can also use the PocketGuard mobile app to track their recurring bills and detect changes in their spending patterns.

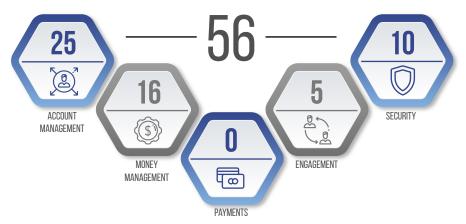


Company: PocketSmith Ltd.

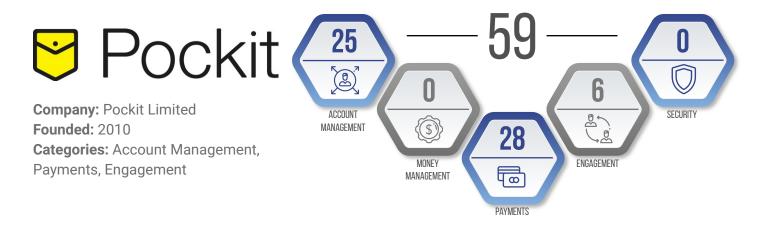
Founded: 2008

Categories: Account Management, Money Management, Engagement,

Security



PocketSmith is a personal finance software which lets users see all their bank, credit card and loan accounts in one place and keep track of their spending behavior by categorizing and labeling their transactions. The solution also offers users the ability to see their future bank balances with a budget calendar and what-if scenarios. The app offers bank-level security features.



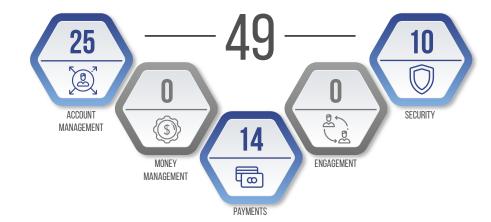
Pockit is an alternative to traditional bank accounts, offering a prepaid card and giving customers cashback deals when they spend in-store or online with leading retail partners. Pockit also offers a mobile app where cardholders can manage and use their money in a safe way, set budgets, save money and pay bills.



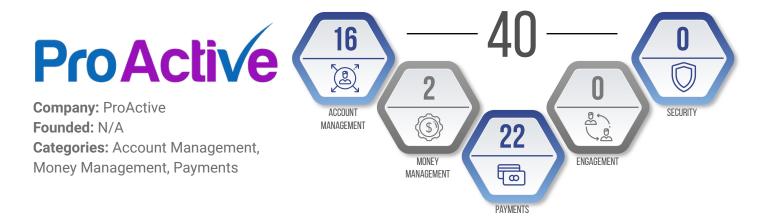
Company: Prism **Founded:** 2011

Categories: Account Management,

Payments



Prism Money offers a bill payment service available across different channels. The app shows the user bills close to due and allows them to get a glance at account balances so payment decisions can be made based on financial status. The solution allows payments via credit card, debit card and through the user's bank account. Prism ensures users personal data and sensitive information is stored in an ultra-secure cloud.



ProActive offers its customers a range of features. Users can see their transactions by using the app almost instantly after the transaction has been made. They can also control their spending using budgeting tools. ProActive supports bill payments and P2P payments.



Qapital develops a personal finance mobile application for Android and iOS. Qapital offers users an interest bearing checking account and a VISA debit card. The app also allows the user to establish saving goals and saving rules that can be customized.



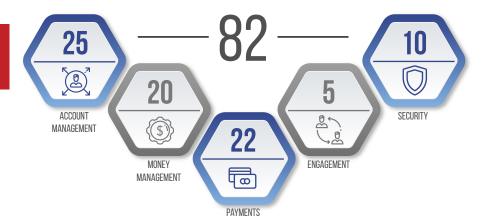
The classic envelope saving system finds its place in the digital era by the hand of Quemulus' saving management app, Money Clouds. Users can create savings objectives and deposit money via the app. Users can also share those objectives with friends and help them reach theirs by contributing money. The app uses top industry standards of 256-bit encryption and PCI Compliant bank services to transfer and store sensitive financial data.

Quicken

Company: Quicken Founded: 1985

Categories: Account Management, Money Management, Payments,

Engagement, Security



PAYMENTS

Quicken, owned by H.I.G. Capital, is a personal finance management software which enables users to see, track, and pay their bills, all in one place. Users can also track their purchases and check balances, organize and pay bills, set up realistic budget goals and reduce debts by understanding their spending trends. Quicken offers bank-level security features, receiving encrypted data from their users´ financial institutions accounts.



Revolut allows users to send money using an app or via SMS, email, WhatsApp and social media. Users can also see their transaction history and make money transfers to other accounts.

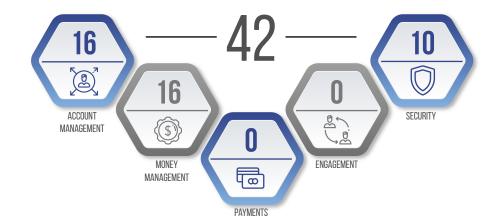
Pastel My money

Company: Sage Pastel

Founded: 1981

Categories: Money Management,

Account Management



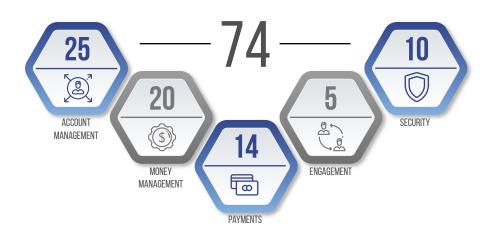
Pastel My Money is an online personal finance management tool powered by Sage Pastel. It provides users with an overview of their spending habits and bank account balances. Users can also set goals and control their budget in order to save money. Pastel My Money uses 128-bit encryption and transmits personal and financial information securely.



Company: SilverWiz Founded: 2010

Categories: Money Management, Account Management, Payments,

Security

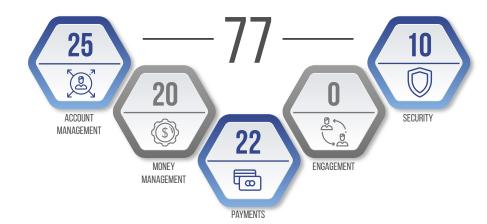


SilverWiz is a company which develops smart applications. One of them is MoneyWiz, a money management app that offers a wide range of capabilities including an automatic sync of bank accounts and transactions, budgets and bills in one place, forecasting, and financial reporting. Moreover, MoneyWiz enables users to set bill payment reminders and set transactions to pay automatically. The app secures data with an encrypted connection, as well as options of TouchID and a four-digit PIN code.



Company: Simple Founded: 2009

Categories: Money Management, Account Management, Payments



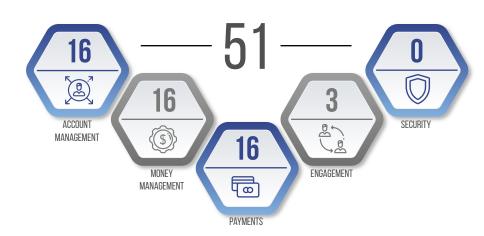
The Simple bank account lets users organize their expenditures by category and gives them insight on their evolution in real-time. It can also help reach budgeting and saving objectives. Users can setup notifications for every transaction and also get notified when a deposit arrives. In addition to receiving a Visa debit card, a Simple account lets users pay bills, transfer and deposit money with a photo deposit tool, and withdraw funds without an ATM fee. Simple meets all industry security standards and offers bank-level features.

Flonkit

Company: Slonkit Founded: 2015

Categories: Money Management,

Payments, Engagement



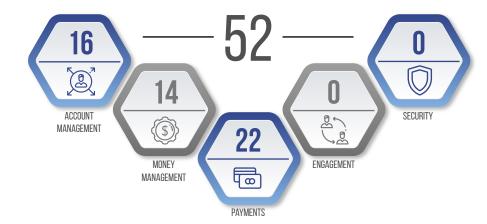
Slonkit is a money management startup that offers users a nance management tool to help them set and track budgets across categories, monitor their expenses, get ranked according to their expenses and compare their scores with friends. It also enables users to load money to their account, send money to friends, and make online or in-store purchases.



Company: Space Founded: 2018

Categories: Account Management, Money Management, Payments,

Security



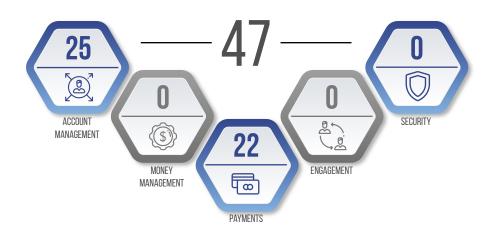
Space, based in Georgia, is a fully digital bank that offers loans, utility payments and P2P payments, among other financial features.



Company: Smile Founded: 1999

Categories: Account Management,

Payments



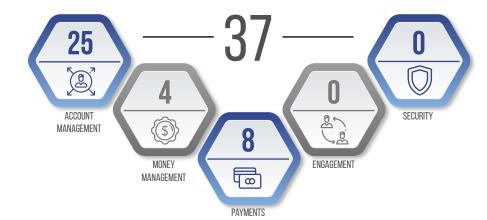
Smile is a fully digital bank offering internet banking, current accounts, mortgages, savings accounts, credit cards and loans. Users can instantly move their money from their current account and savings account, make payments to anyone by setting up a payments list, view their balance and recent transactions, receive weekly balance updates for their current, savings and credit card accounts by text message and set up text alerts to prevent overspending.



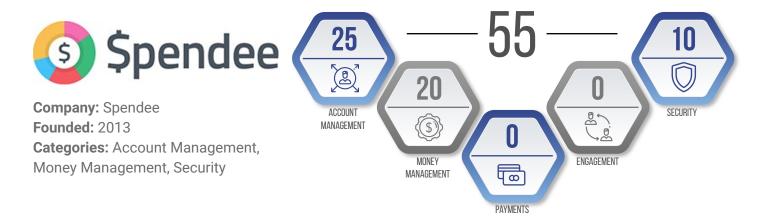
SOLDO

Company: Soldo Founded: 2014

Categories: Account Management, Money Management, Payments



Soldo develops finance solutions for personal and business users. The company offers an app-based spending account for families and Mastercard debit cards that offer capabilities such as setting spending rules, instant money transfer between family members and tracking of spending.



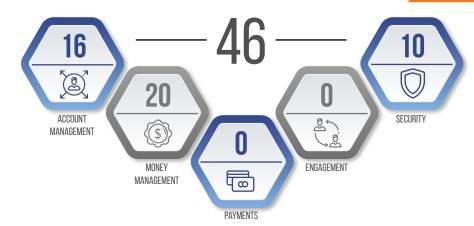
Spendee provides users with a data analytics tool for their income and expenses. The app lets users create budgets, multiple wallets and features a traveling mode to add transactions in different currencies.

NEW



Company: Spiff Founded: 2015

Categories: Account Management, Money Management, Security



Spiff is a Norway-based app that allows users to categorize their spending for better financial decisions.



Squirrel is a FinTech startup that focuses on personal financial management solutions. Their app allows users to define goals, share them with friends and connect to their Pinterest account.



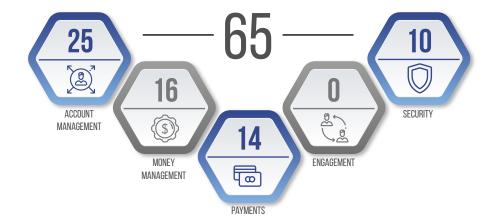
STARLING BANK

Company: Starling Bank

Founded: 2014

Categories: Account Management, Money Management, Payments,

Security



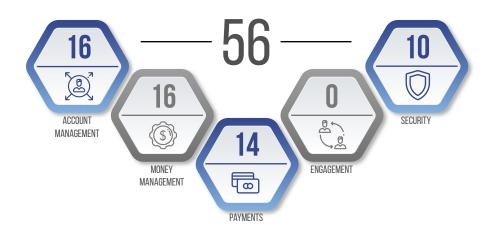
Starling Bank, a licensed mobile-only challenger bank, allows its users to open an account and gain financial data insights about it. The company also offers a contactless debit card enabling users to deposit and withdraw money from ATMs.

TANDEM

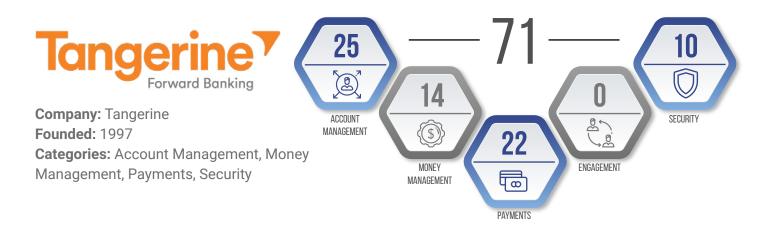
Company: Tandem Founded: 2015

Categories: Account Management -

Engagement



Tandem is a U.K.-based challenger offering an online retail bank. Its solution includes budgeting and advice, among other features.



Tangerine, an independently operated subisdiariy of Scotiabank, provides personal banking products such as checking and savings accounts, mortgages and mutual funds. It offers online and mobile banking.



The One Place Capital Limited, trading as Money Dashboard, is an online personal financial management service. Money Dashboard lets users view all their financial accounts in one place. Accounts are refreshed daily, enabling users to be up to date with their current financial position. It provides tools to view incomings and outgoings, enabling members to understand their spending trends and organize their finances more effectively. Moreover, Money Dashboard offers a budget planner to set financial goals. The service offers bank-level security to protect data.

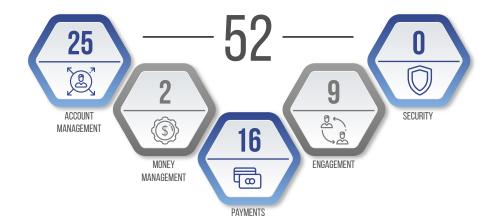


Company: Think Money Group

Founded: 1993

Categories: Account Management, Money Management, Payments,

Engagement



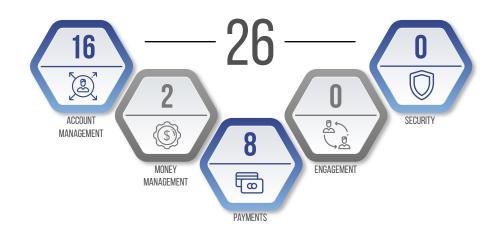
Think Money Group is a financial services company that offers the thinkmoney personal account, a service designed to help customers to manage their finances. Users can control their income and set money aside to pay regular bills and commitments. The platform also enables them to set budgets and plan ahead. Users can also get a Mastercard credit card, earn rewards and can check for offers using the app.



Company: Thomas Cook

Founded: 2016

Categories: Account Management, Money Management, Payments



Thomas Cook develops vacation-focused personal finance solutions, including prepaid travel cars, insurance and mobile banking tools. Sumo, the company's mobile banking offering, allows users to hold different currencies, make international payments and save money.

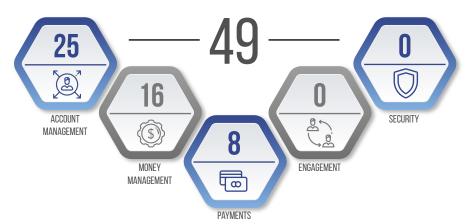


Company: Thumbworks Technologies

Pvt. Ltd.

Founded: 2010

Categories: Account Management, Money Management, Payments



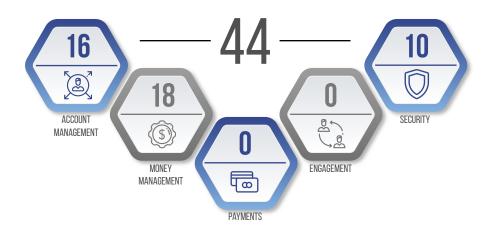
Walnut, developed by Thumbworks Technologies Pvt. Ltd., is a money management tool. It reads text messages from banks and businesses on smartphones and automatically categorizes important information about spending, bills and tickets. It also gives users the ability to: split bills over chat and make real time P2P money transfers to bank accounts; track their credit/debit cards, bank accounts, bills and cash expenses; set reminders for bill payments; and receive graphic analysis periodically in order to be always up to date with their spending.



Company: Tiller Money

Founded: 2014

Categories: Account Management, Money Management, Security



Tiller Money develops digital personal finance solutions. Its solutions are intended to allow users to keep track of their finances by integrating software into their bank accounts and transfering the data into Google Sheets. Users can choose between premade data display templates or create one from their dashboard.

TIMESINTERNET

Company: Times Internet Limited

Founded: 1999

Categories: Account Management, Money Management, Payments,

Engagement



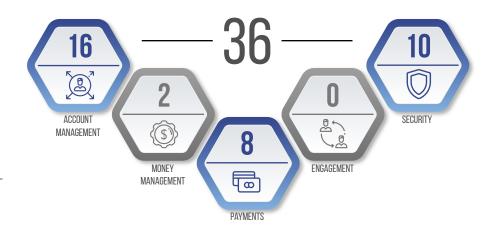
Times Internet Limited is an internet network company. The company's Smartspends app allows users to organize their spending by category (such as travel, restaurants, etc.), manage their expenses and make payments.



Company: Timo Founded: 2016

Categories: Account Management - Money Management - Payments -

Security

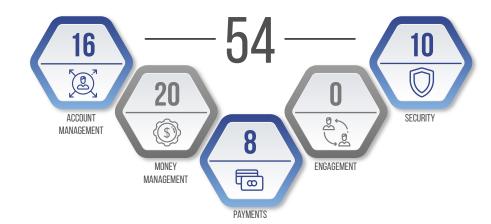


Timo is a digital-only bank powered by VP Bank. It provides customers with ease-of-use and fee transparency, and allows them to set saving goals, transfer money and make deposits.



Company: Tink Founded: 2012

Categories: Money Management, Account Management, Payments



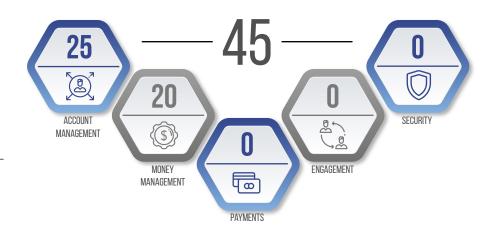
Tink is a FinTech company that has developed a banking app focused on giving users money management tools. The app automatically categorizes and organizes users' finances to make it easy to follow their spending over time. Users can create budgets and set saving goals as well as make payments and transfers funds. Tink offers bank-level security features.



Company: Toshl Founded: 2012

Categories: Account Management -

Money Management



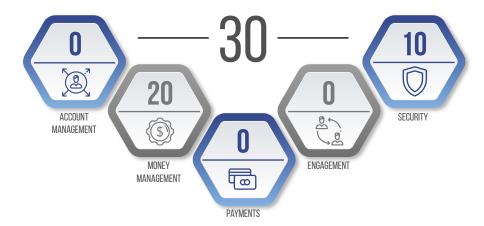
Toshl is a mobile finance and budgeting tool that's available on iOS, Windows, and Android. The app allows users to track their daily expenses, plan a budget, and organize their bills by giving the user access to advice, graphs and other financial insights.



Company: Trim Founded: 2015

Categories: Money Management -

Security



Trim is a finance app that uses artificial intelligence (AI). It is designed to cross-check spending and find more affordable subscription programs.

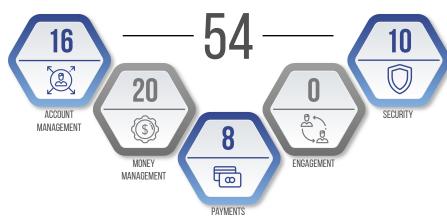


Company: Touch Bank

Categories: Account Management -

Engagement

Founded: 2013



Touch Bank is a digital-first retail banking platform. Its offerings include an all-digital, mobile first-bank, among other solutions.

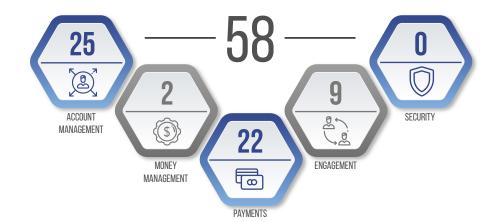


Company: Tuxedo Money Solutions

Founded: 2006

Categories: Account Management, Money Management, Payments,

Engagement

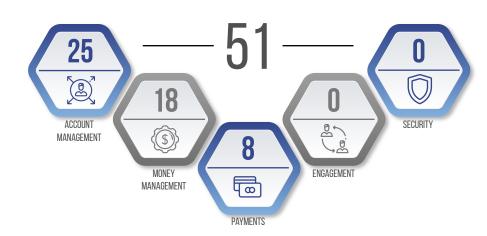


Tuxedo Money Solutions has developed eccount money, an alternative banking solution that allows users to manage their accounts from multiple channels. The solution allows users to view recent transactions and balances, report stolen cards, move money from their eccount to their card, pay bills and perform additional services.



Company: Ualá Founded: 2016

Categories: Account Management, Money Management, Payments



Ualá is a personal finance solutions provider offering access to an app and prepaid Mastercard. Users can make person-to-person (P2P) transfers and apply categories to expenses from within the app. It also offers notifications whenever the card is used.

NEW

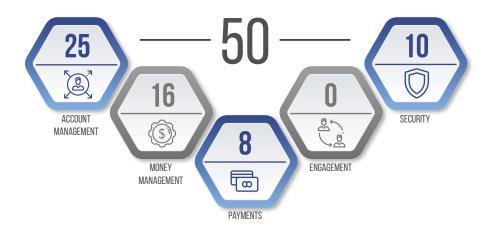


Company: Viola Black

Founded: 2012

Categories: Account Management, Money Management, Payments,

Security



Viola Black is a United Kingdom-based digital bank that allows person-to-person payments as well as mobile banking.

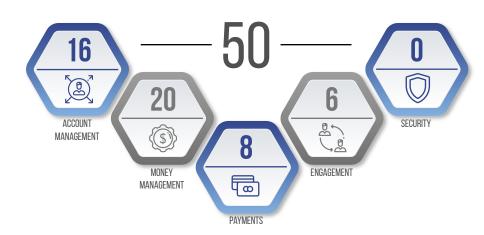


Company: Virtual Wallet

Founded: 2008

Categories: Account management, money management, payments,

engagement



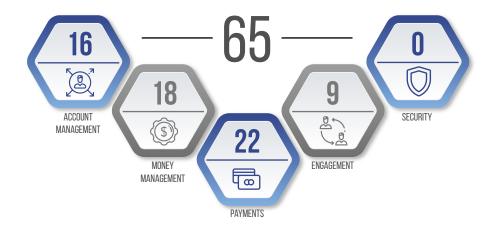
Person-to-person app Virtual Wallet works with Zelle to help users get a more holistic look at their finances for better financial inclusion. It operates under the PNC Financial Services Group.



Company: Wala Founded: 2015

Categories: Account Management, Money Management, Payments,

Engagement



Wala provides a digital bank account that offers users a set of financial tools, including a dashboard that highlights where money is spent, the ability to send P2P payments and a timeline that enables users to keep track of their spending activity.

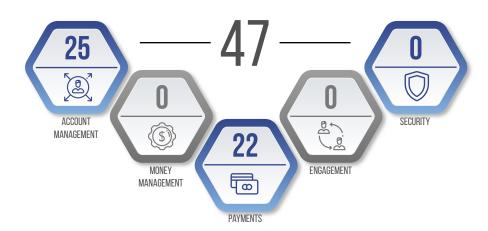


Company: Waleteros

Founded: 2016

Categories: Money Management,

Payments

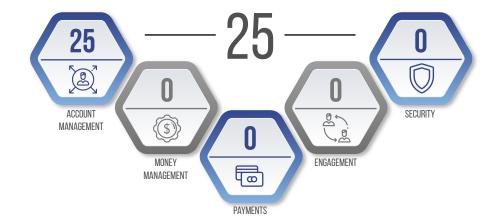


Waleteros is a finance services provider that offers users a mobile banking account associated with a prepaid Visa debit card. The app's functionalities include cashing checks, money transfers, bill payments and transaction alerts.



Company: Wallaby Founded: 2012

Categories: Account Management



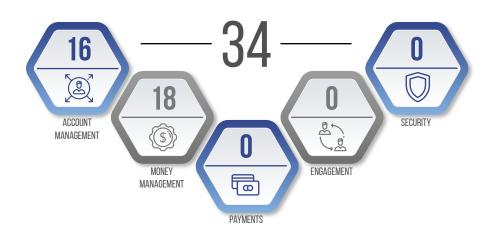
Wallaby assists users in optimizing credit card usage, allowing them to access their card's rewards, limits and due dates, among others. It is available on iOS and Android, and users also have access to Wallaby's WalletBoost web app.



Company: Wally Founded: 2013

Categories: Account Management,

Money Management



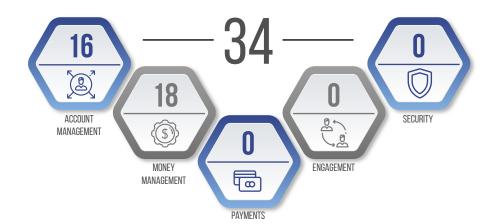
Wally is a money management app available for Android and iOS. Wally enables users to track their expenses by category and venue, establish saving goals and compare their own spending patterns with similar users.



Company: Wave Founded: 2010

Categories: Money Management,

Account Management



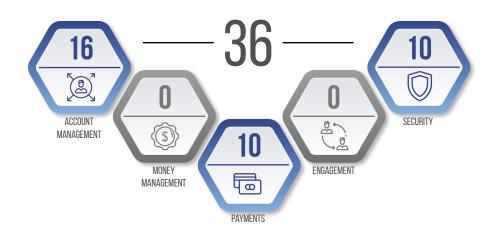
Wave provides a cloud-based integrated suite of business tools such as accounting, invoicing and payroll. The company's Wave Personal software is designed to help users organize their expenses and investments according to their incomes. Wave Personal enables users to connect their bank or credit card accounts to their Wave account, without having to enter receipts manually. Wave Personal is intended to help users track investments in real time, set budgets and save money.



Company: WB21 Founded: 2014

Categories: Account Management,

Payments, Security



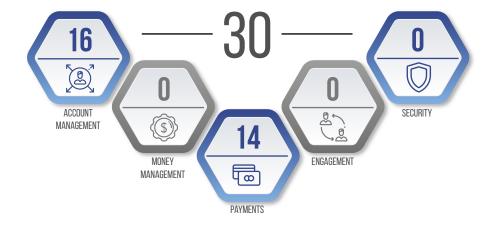
WB21 is a digital bank that offers real-time account opening and cross border payments. Users can link their Mastercard Debit Card to WB21's mobile app in order to make POS purchases with NFC technology. They can also manage and monitor their accounts in real-time, send and receive payments instantly and track their money transfers status.



Company: WeBank Founded: 2013

Categories: Account Management -

Engangement



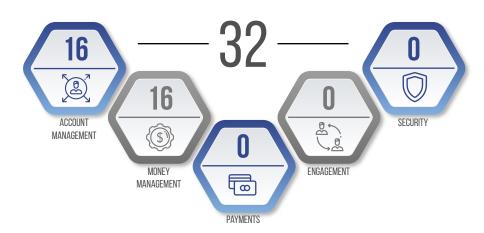
WeBank is a joint venture led by Chinese gaming and social network group Tencent Holdings. Its banking app is designed to work with instant messaging and social networking app WeChat and offers a full-service digital bank.

Wela

Company: Wela Founded: 2008

Categories: Account Management -

Money Management

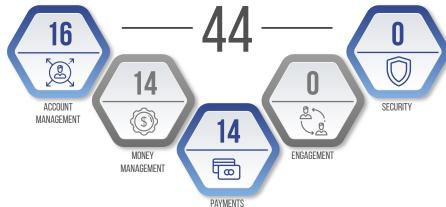


Wela gives users a holistic view of their financial situations — including investments, cash, credit card debt, student loans and real estate — from one application.



Company: Wilobank Founded: 2017

Categories: Account Management - Money Management - Payments



Wilobank is an Argentinian online bank that operates via a mobile app and with the technological power of Red Link, an Argentinian processing services firm. It is currently only available in the Google Play store.

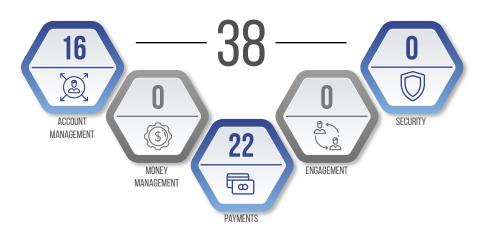
Yandex Money

Company: Yandex.Money

Founded: 2002

Categories: Account Management -

Payments



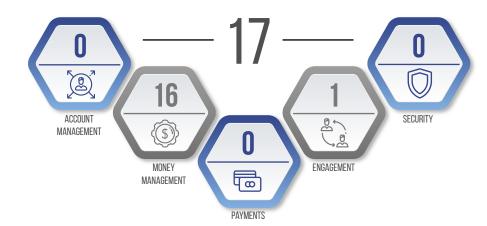
Yandex. Money is a joint venture of the search engine Yandex and Russia's Sberbank. The collaboration enables Yandex. Money to offer users access to Sberbank's infrastructure and various services, including digital wallets, ATMs, bank terminals and online banking resources.



Company: YNAB Founded: 2004

Categories: Money Management,

Engagement



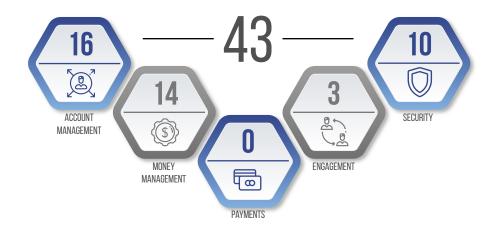
You Need A Budget is an app that helps users work toward a savings goal. The software enables them to import their bank account information and create savings categories, where they set income goals. The system helps users gain awareness about where their money is going, whether it be toward a savings goal or to bill payments, and enables users to share this information with others.



Company: Yolt Founded: 2016

Categories: Account Management, Money Management, Engagement,

Securiy



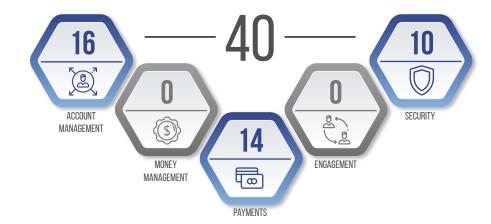
Designed by ING, Yolt is a money management mobile app which helps users to stay on top of their money by presenting it in different categories and helping them to save money to improve their spending habits. Yolt combines the user's banking and credit card details across different institutions enabling users to see all of their transactions together and also how much money they have left in their account.

YOUTRIP

Company: YouTrip Founded: 2016

Categories: Account Management,

Payments, Security



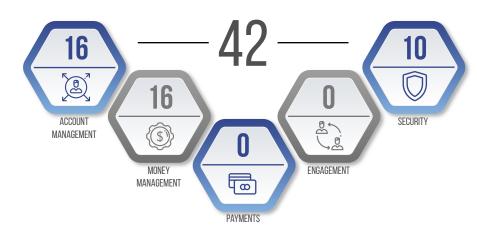
Singapore-based YouTrip tracks travel expenses and spending for customers heading on overseas trips. It is equipped with a currency converter, among other features.



Company: Zazu Founded: 2016

Categories: Account Management -

Money Management - Security



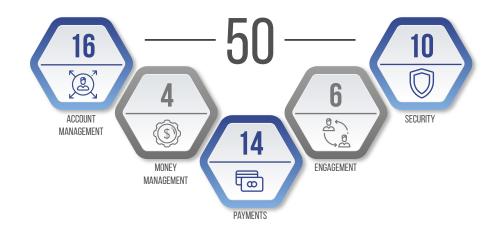
Zazu provides financial solutions for unbanked populations. Its offering is compliant with the National Payment Systems Act, displays transactions and expenses in real time and provides notifications to users.

zero

Company: Zero Founded: 2016

Categories: Account Management, Money Management, Payments,

Engagement, Security



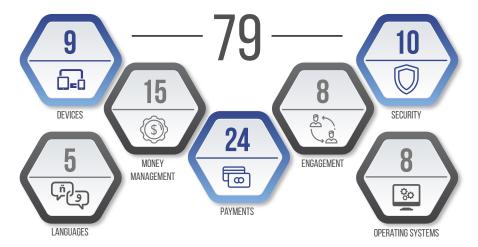
Zero's mobile banking platform offers a card that acts like a debit card and earns credit card rewards. Customers can make deposits or spend money on their Zerocard, and their transaction activity will automatically appear on their account.



Company: ABC Tech Founded: 2017

Categories: Devices, engagement, languages, money management, operating systems, payments,

security



ABC TECH is a financial software provider offering IT consulting services and software development tools to clients in industries such as banking and utilities.

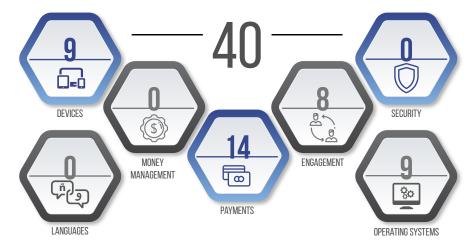


Company: Active Intelligence

Founded: 2016

Categories: Payments, Engagement,

Operating System, Devices



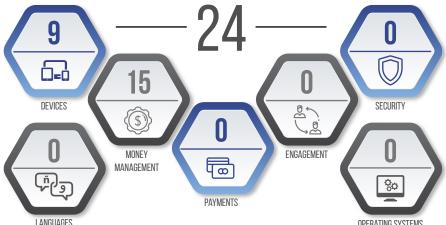
Active Intelligence is a finance technology platform that provides banks, financial institutions and wealth managers with customer engagement tools. The platform enables banks to use chatbots to offer their services and allow users to get balances, view transactions, make payments, get financial advices, among other features.



Company: aixigo Founded: 1999

Categories: Money Management,

Devices



aixigo develops consulting software for banks, insurance companies and financial service providers. Its personal finance management solution offers users an overview of proprietary and non-banking accounts, securities accounts and assets, as well as the complete data history.

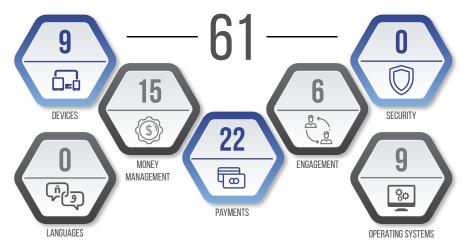


Company: Alkami Technology

Founded: 2009

Categories: Money Management, Payments, Engagement, Operating

Systems, Devices



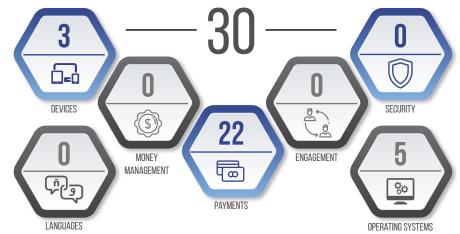
Alkami offers a digital banking solution that works to improve financial institutions' online and mobile channels. Users can monitor their account history, transfer funds and pay bills. The software also includes mobile deposit capabilities as well as configurable alerts. Users can view their accounts with recent and upcoming activity, as well as receive financial tips, relevant news and promotional alerts. Alkami's money management tools help users to save money by enabling them to track their transactions and use financial analysis capabilities.



Company: Apiture Founded: 2017

Categories: Payments, Operating

Systems, Devices



Apiture is an open application program interface (API) banking platform with product features including spendable balance, mobile deposit and bill pay. Users can originate ACH and wire transfers from the platform, as well as check their account balances.

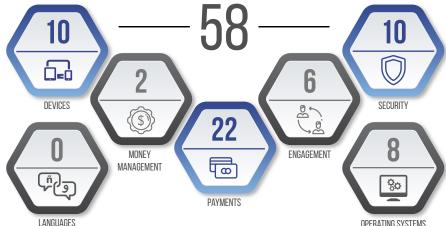


Company: Asseco SEE

Founded: 2007

Categories: Money Management, Payments, Engagement, Operating

System, Security



Asseco SEE provides ICT solutions for various industry verticals including the financial sector, payment sector, public administration and telecoms.

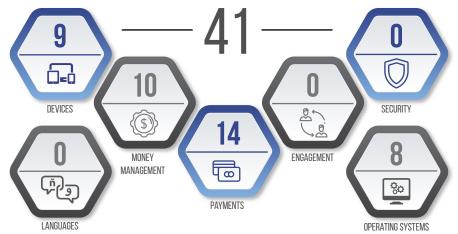


Company: Automated Systems Inc.

Founded: 1981

Categories: Money Management, Payments, Operating System,

Devices



Automated Systems Inc. is a digital banking solutions developer. They provide clients with online, mobile and tablet banking, which provide tools such as transaction categorization, bill payments, account history access and real-time transaction information.

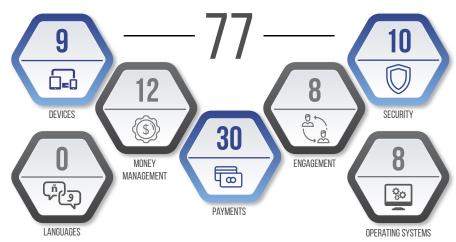
NEW

B BACKBASE

Company: Backbase Founded: 2003

Categories: Money Management, Payments, Engagement, Operating

Systems, Devices, Security



Backbase is a digital banking software developer that offers an out-of-the box omnichannel Digital Banking Platform. The platform comes with a wide range of apps including: login, two-factor-authentication, account overview, transaction details, PFM, bill-pay, transfers, P2P payments, easy payments via email/web forms, message center, address book, and social integration.

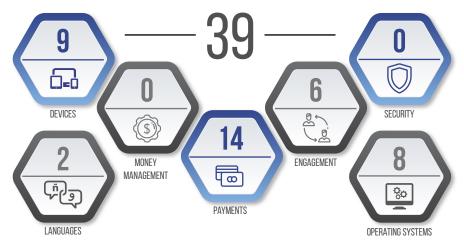


Company: Bankingly **Founded:** 2015

Categories: Payments, Engagement,

Languages, Operating System,

Devices



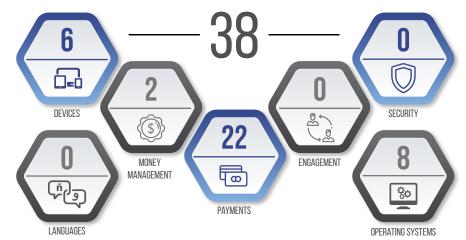
Bankingly provides electronic channel solutions for banks. Its products include mobile and online banking as well as social media banking, which allows users to connect with financial institutions through Facebook or conversational apps such as Twitter, Skype or Telegram.

Bankjoy

Company: Bankjoy Founded: 2014

Categories: Money Management, Payments, Operating Systems,

Devices



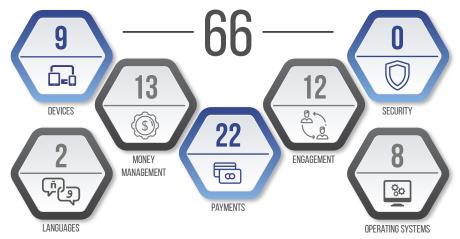
Bankjoy builds mobile banking systems for banks and credit unions. It features photo check deposit, lost/stolen card blocking, travel notifications, P2P and bill payments, among other features.



Company: BANQ **Founded:** 2012

Categories: Money Management, Payments, Engagement, Languages,

Operating System, Devices



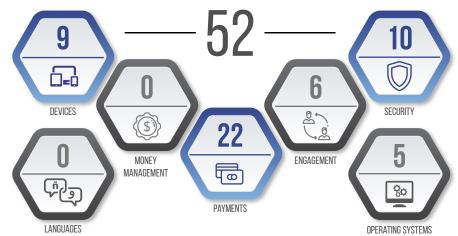
BANQ specializes in multi-platform software solutions for the banking and finance industries. The company's solutions include traditional internet and mobile banking features, CRM, personal finance tools and payment capabilities.



Company: Bottomline Technologies

Founded: 1989

Categories: Payments, Operating Systems, Devices, Security

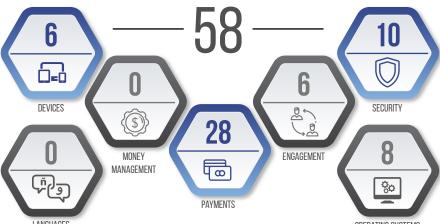


Bottomline Technologies provides corporations, financial institutions and banks worldwide with a set of cloud-based solutions for digital banking, fraud prevention, payment, financial documents, insurance and healthcare information. It also helps prevent fraud and reduce risk across banking channels by using behavioral analytics and pre-configured rules to generate alerts.



Company: Canopus Founded: 1992

Categories: Payments, Engagement, Operating Systems, Devices, Security

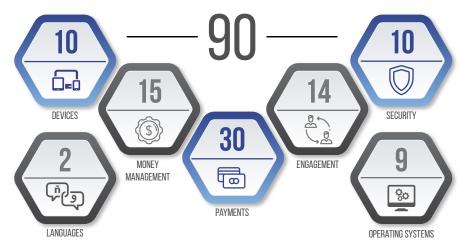


Canopus Innovative Technologies develops financial services industry software solutions for banks, payment institutions and e-money issuers as well as corporate treasuries and holdings. Between their main offers is E-pay Suite, an end-to-end software solution which provides solutions for the clients and their users such as support of various types of payments including bill payments, bank wire, online purchases and money transfers. Canopus solutions fully meet security requirements for modern financial software systems both at the level of the middle-office and the client's one.



Company: Clayfin Founded: 2009

Categories: Money Management, Payments, Engagement, Languages, Operating System, Devices, Security

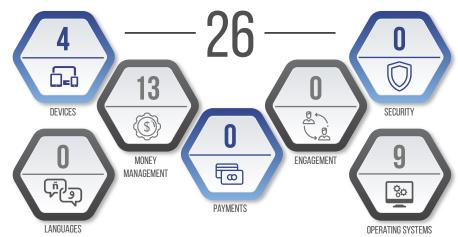


Clayfin provides omnichannel digital banking solutions intended to improve customers' experiences at client banks.



Company: Clinc Founded: 2015

Categories: Money Management, Operating Systems, Devices



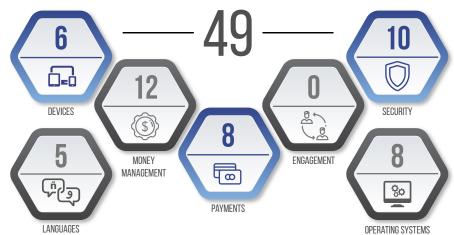
Clinc develops an AI platform for financial service companies. Clinc offers an AI-based retail banking and personal finance management solution that allows users to access spending advices and information on balance and spending using voice commands.



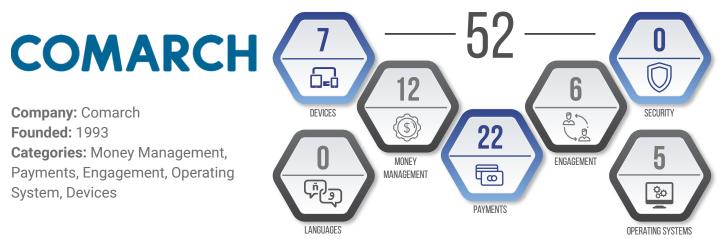
Company: CoCoNet Founded: 1984

Categories: Money Management, Operating Systems, Devices,

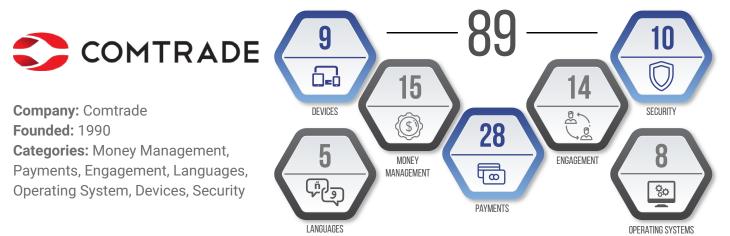
Payments



CoCoNet provides a payment and cash management solution to offer corporate customers a central, domestic and international banking access channel with a convenient and fully responsive dashboard. It supports multiple international standards and formats, including the Single Euro Payment Area (SEPA), Electronic Banking Internet Communication Standard (EBICS), Payment Services Directive II (PSD2) and financial messaging service SWIFT.



Comarch is a provider of IT business solutions, serving several industries, ranging from banking, capital markets and insurance to telecommunications, airlines and travel, health care and urban services.



Comtrade develops digital banking solutions that feature personal finance management tools (including budgeting, spending reports and charts and transaction categorization), P2P, bill payments and in-app purchases. It also offers customer engagement capabilities such as personalized offers, loyalty programs and social media integration.

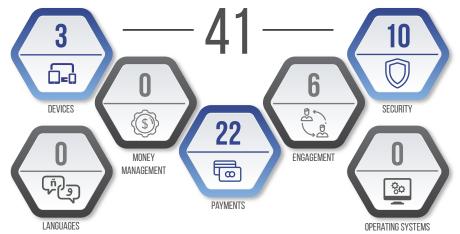
Contis Group⁷

Company: Contis Group

Founded: 2008

Categories: Payments, Engagement,

Devices, Security



Contis Group is an alternative payments and banking solutions provider that focuses on nancial inclusion, travel and foreign exchange, payroll, and gift and loyalty. Its mobile payments solution processes P2P payments and offers transactional alerts via SMS. It also offers the ability to access to account information, pay bills online and transfer funds. Contis Group is PCI-compliant.

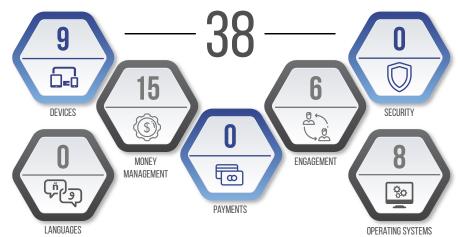


Company: Contovista

Founded: 1999

Categories: Money Management, Engagement, Operating Systems,

Devices

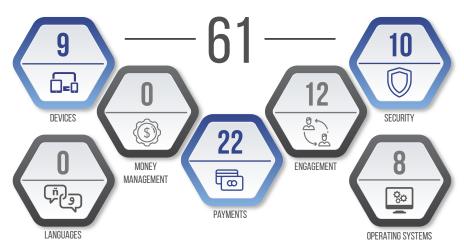


Contovista is a digital banking software company the provides Big Data analytics, business intelligence and visualization of financial data. The company's PFM solution offers automatic transaction categorization, enabling customers to analyze their spending habits in real time.



Company: CR2 Founded: 1983

Categories: Payments, Engagement, Operating Systems, Devices, Security



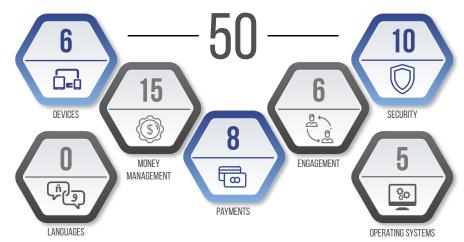
CR2 is the developer behind the omnichannel retail banking platform BankWorld. By using BankWorld, users can get a view of all accounts from the mobile and online platform, and use it for making P2P or bill payments, to locate ATMs and to activate or deactivate cards when they are not being used. CR2 helps banks manage and use customer data, enabling sophisticated analytics and segmentation, and the delivery of tailored offers. BankWorld Mobile App includes innovative security features including one time passwords and multiple authentications.



Company: Crealogix Founded: 1996

Categories: Money Management, Payments, Engagement, Operating

Systems, Devices, Security



Crealogix is a software company that provides banks and financial institutions with financial technology solutions. The mobile banking system enables customers to access account information and carry out transactions including payments, e-invoices and stock exchange orders. Users are able to securely login by using fingerprint recognition. Crealogix also offers a personal financial management module where users can save money and track their expenses, get graphical analyses, categorizations and personal dashboard support for an overview of their finances.



Company: CSI Founded: 1965

Categories: Money Management, Payments, Engagement, Operating Systems, Devices, Security 9 10

DEVICES

DEVICES

MONEY
MANAGEMENT

PAYMENTS

DEFINITION OF PRATTING SYSTEMS

OPERATING SYSTEMS

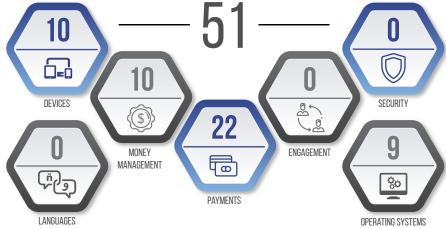
CSI is a financial technology provider which offers banks and other industries most of the technological core competencies they need. CSI provides banks with a suite of integrated mobile and internet banking solutions that help them connect with customers, employees and board members through innovative technology channels. CSI digital banking features include: access transfers, payments, external transfers, external payments, bill pay and P2P, personal financial management tools and more. The firm also offers bank fraud detection software for mobile banking, Internet banking and business banking.



Company: D3 Banking Technology

Founded: 2007

Categories: Money Management, Payments, Devices, Operating System



D3 Banking Technology develops software-as-a-service omnichannel solutions aimed at banks and credit unions. The company offers customer analytics tools intended to enable financial institutions to personalize their product and service offering for each unique customer. The software enables users to make payments, complete transactions, view balances and reach financial information insights on their budget and financial position.

SCORECARD - B2B

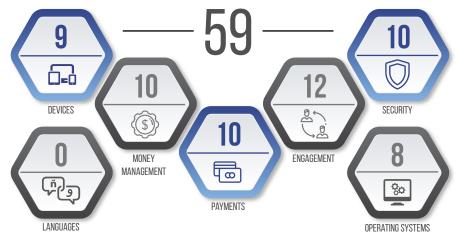


Company: Data Action

Founded: 1986

Categories: Money Management, Payments, Engagement, Operating

System, Devices, Security



Data Action is a digital banking and core banking solutions developer. The company's digital banking solutions offers a set of different features including personal financial management tools, POS purchases and marketing capabilities.



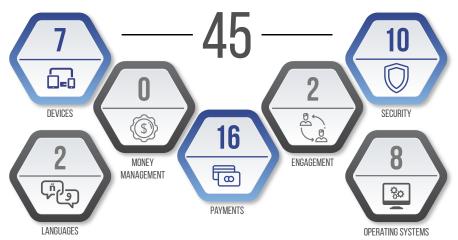
Company: Digiliti Money

Founded: 2010

Categories: Payments, Engagement,

Languages, Operating Systems,

Devices, Security



Digiliti Money is a financial services technology company specializing in commercial and consumer remote deposit capture and mobile money solutions for banks, credit unions and alternative financial services providers.

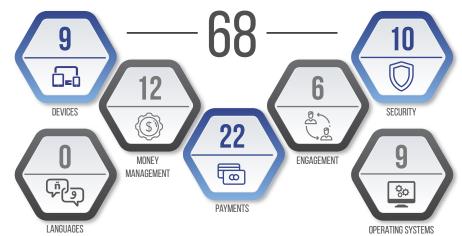


Company: Digital Insight

Founded: 1995

Categories: Money Management, Payments, Engagement, Operating

Systems, Devices, Security



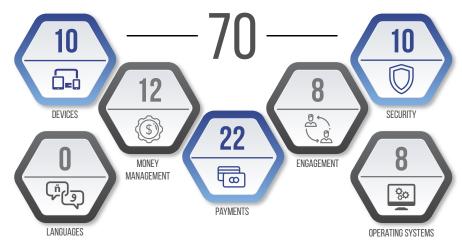
Digital Insight provides an array of different digital banking solutions, including tools that cover areas like payments and money management, such as bill payment capabilities, expense categorization and no-cost marketing support. Its Mobile Banking Apps are fully secure using industry standard technologies (SSL) and security certificates with 128-bit encrypted communication.



Company: ebankit Founded: 2014

Categories: Money Management, Payments, Engagement, Operation

Systems, Devices, Security

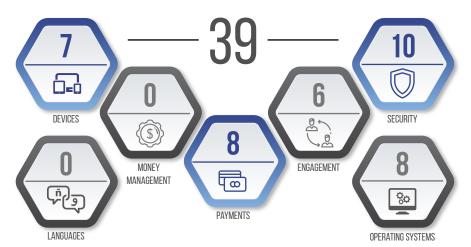


ebankit is an omnichannel banking software company which provides innovative technologies for the banking industry. ebankit's banking solutions include Personal Financial Management tools such as budgeting and saving, allowing bank customers to control their finances; and social banking apps for swift transactions between clients of the same or different banks in a social network format and where the bank can share ongoing campaigns offers. The company also offers payments and cardless cash withdrawals. The Internet Banking Channel makes all aspects of security such as authentication via multichannel PIN, SMS alerts and more.

EBANQ

Company: EBANQ Founded: N/A

Categories: Payments, Engagement, Operating System, Devices, Security



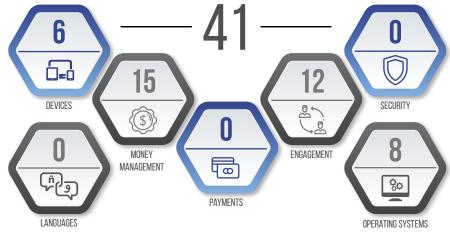
EBANQ develops a banking platform for online and mobile channels and that is customizable to suit a client's logo, icons and colors. The platform offers such features as wire and P2P transfers and the display of balance and transaction history.

efiœnce

Company: Efigence Founded: 1999

Categories: Money Management, Engagement, Operation Systems,

Devices

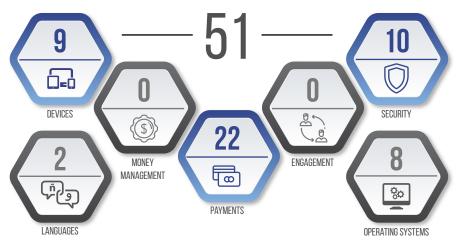


Efigence is a developer of digital banking technology. The company's digital banking platform, Efi4, is PSD2-ready and provides a set of personal finance management solutions such as spending categorization, budgeting and saving tools.

EKassir

Company: eKassir Founded: 2003

Categories: Payments, Languages, Operating System, Devices, Security



eKassir is a developer of software for payment systems, self-service kiosks, and ATMs. The company's digital banking platform allows financial companies to offer customer services thorugh channels like mobile and internet as well as through a chatbot that works on Telegram.

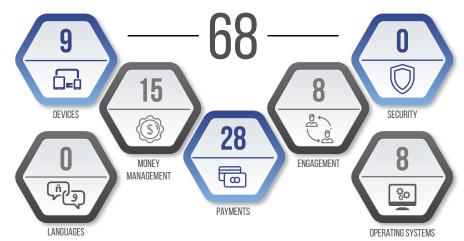


Company: Envestnet - Yodlee

Founded: 1999

Categories: Money Management, Payments, Engagement, Operating

Systems, Devices



Yodlee offers a different menu of product going from its own developing platform to solutions and services. The Yodlee platform allows for the construction of banking apps based on a big data engine while the company's ready solutions include mobile applications and personal financial management tools like manage expenses, set a budget, save for personal goals, view investments, calculate net worth, and improve overall financial wellness. Yodlee also provides payments functionalities and enables users to transfer funds from accounts, set bill reminders and pay bills automatically, make ecommerce payments and more.

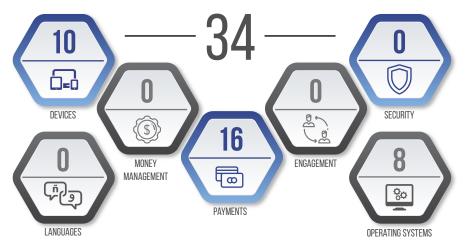
equensWorldline

Company: equensWorldline

Founded: 2016

Categories: Payments, Operating

Systems, Devices



equensWorldline is a payment services provider. The company's solutions cover issuing, acquiring, payments and digital banking, including open banking services, mobile banking and a digital banking platform.

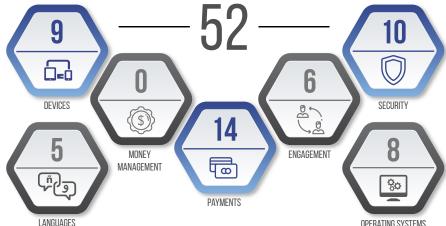


Company: Eri Bancaire

Founded: 1989

Categories: Payments, Engagement, Languages, Operating Systems,

Devices, Security



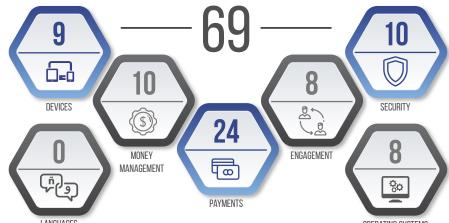
Eri Bancaire has designed and developed OLYMPIC Banking System, an integrated, real-time core banking and wealth management software package. The application offers a range of capabilities and covers multi-language requirements. Users can use this platform to make bill payments, get real-time cash balance updates, get account reports and more.



Company: Etronika Founded: 2000

Categories: Money Management, Payments, Engagement, Operation

Systems, Devices, Security



Etronika is an IT solutions developer providing platforms for the retail, finance and banking industry. It offers Bankatron, a platform that enables financial institutions to offer clients a personalized e-banking experience across all channels and devices. Etronika has also developed a mobile banking solution that allows customers to check balances, view account statements and make payments, among other features.



eWise helps financial institution and banking customers to bring together all their financial accounts in a single screen. The company's Account Aggregation and Money Manager solutions aim to offer users tools to better manage their money and reach their financial goals.

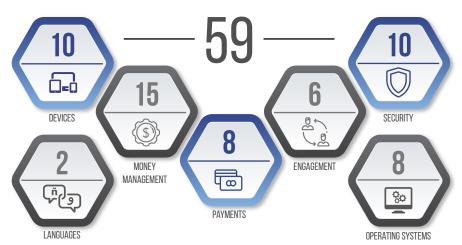
LANGUAGES

SCORECARD - B2B



Company: Fentury Founded: 2013

Categories: Money Management, Payments, Engagement, Languages, Operation Systems, Devices, Security



Fentury is a personal financial manager solutions developer, serving individual customers through its app and banks with its white label solution. The company's products include transaction categorization, saving goals and financial planning.

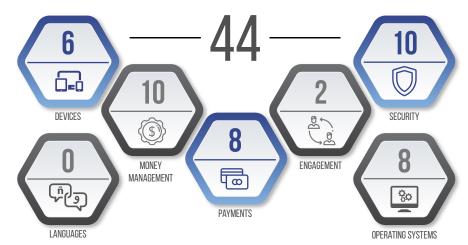


Company: Fidor Solutions

Founded: 2007

Categories: Money Management, Payments, Engagement, Operating

System, Devices, Security



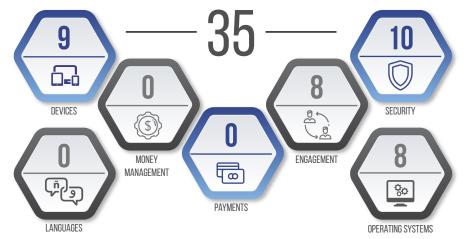
Fidor Solutions is a digital banking solutions provider and the creator of Fidor Bank. It offers Fidor OS, a digital banking platform using open application program interfaces (APIs) and providing features like person-to-person (P2P) payments, instant ACH payments and loyalty tools, among others.



Company: Fi-Mobile Founded: N/A

Categories: Engagement, Operation

Systems, Devices, Security

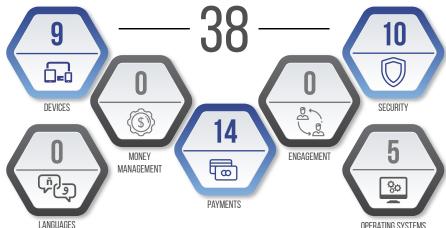


Fi-Mobile develops mobile solutions for credit unions and banks. The company's mobile banking solution presents a set of different features including account opening, remote check deposit, loan origination and balance checking.



Company: Finacus Founded: 2007

Categories: Payments, Operation Systems, Devices, Security



Finacus Solutions is a tehenology developer for the banking & finance sectors. Finacus products cover a range of needs that goes from core banking and anti-money laundering solutions to mobile, tablet, social media and internet banking.

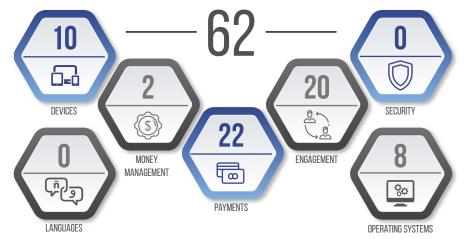
FINEN

Company: Finex Banking Solutions

Founded: 2010

Categories: Money Management, Payments, Engagement, Operation

Systems, Devices



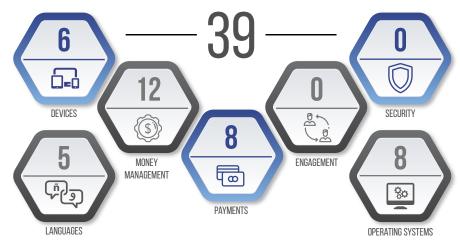
Finex Banking Solutions provides banks with a ready-to-go solution that fully supports internet, tablet and mobile banking, with an omnichannel experience. Finex Banking Solutions enables banks to provide personal finance management tools, reward customers with loyalty points and other benefits, as well as integrate social media capabilities within online and mobile banking, bill payment and multiple types of transfers and more.



Company: Finn.ai Founded: 2004

Categories: Money Management, Payments, Operating System,

Devices



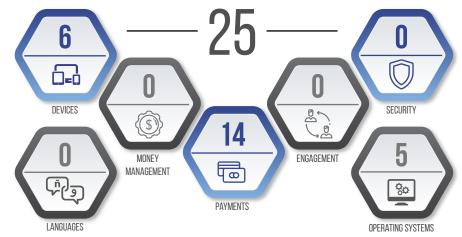
Finn.ai offers digital banking solutions through products designed to track budgets, receive alerts and monitor spending. It also provides a digital and mobile chat platform.



Company: Finxact Founded: 2016

Categories: Payments, Operating

System, Devices



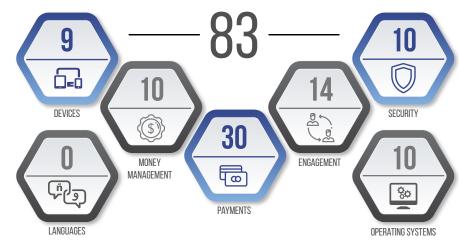
Finxact develops digital banking software providing functions such as real-time access to transactions and funds, and also enables customers to bank via web or mobile. Client banks can access customer relationship management tools, digital communication management and bill payment.



Company: FIS Founded: 1968

Categories: Money Management, Payments, Engagement, Operating

Systems, Devices, Security



FIS offers digital omnichannel solutions with a portfolio of features that include P2P and bill payments, purchases at the POS and online; personal financial management tools, customer engagement capabilities such as in-app space for marketing, cross-selling and promotions; rewards/loyalty programs and social media integration, which enables FI to address compliance, marketing and resourcing via Facebook, Google+, LinkedIn, Twitter, YouTube and other social media platforms. FIS's digital solutions offer multi-factor authentication, SSL encryption, device identification and timeout, user entitlements and passcode.

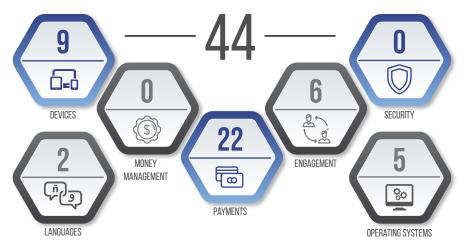


Company: Fisa Group Founded: 1995

Categories: Payments, Engagement,

Languages, Operating Systems,

Devices

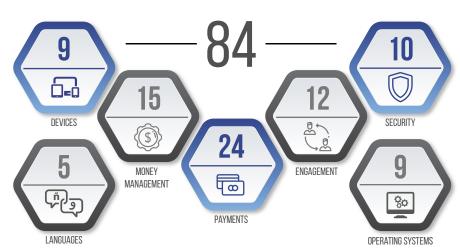


Fisa Group serves financial services industry clients. Its Omnia Business Platform offers capabilities such as local, international and bill payments and is accessible via mobile.

fiserv.

Company: Fiserv Founded: 1984

Categories: Money Management, Payments, Engagement, Languages, Operating Systems, Devices, Security



Fiserv provides financial services technology and services innovation, including solutions for mobile and online banking, payments, risk management, data analytics and core account processing. The banking solution offers personal finance and money management capabilities such as budgeting, transaction categorization and financial analysis dashboard where users can get a snapshot of their net worth, income, expenses and savings goals. In addition, the company provides loyalty and reward programs and many payment capabilities including P2P, bill pay and payments at the POS. Fiserv also delivers real-time cybersecurity defense capabilities and a multi-factor user authentication tool.

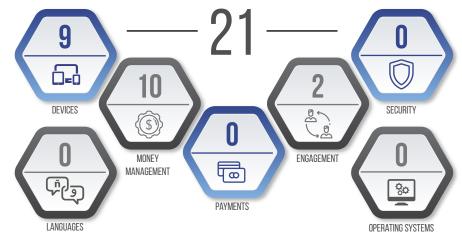


Company: Five Degrees

Founded: 2009

Categories: Money Management,

Engagement, Devices



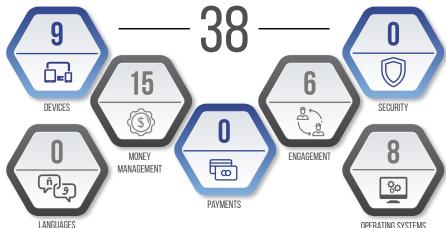
Five Degrees is a developer of financial technologies specially designed for retail and private banks. Its products include Matrix, a digital banking platform that offers fully automated banking services that enable banks to operate at today's digital banking standards and interact in the real, virtual (mobile, e-banking) and social (wallets, Facebook) space.



Company: Geezeo Founded: 2006

Categories: Money Management, Engagement, Operating System,

Devices



Geezeo is a software services provider for banks and credit unions. The company, among other solutions, offers an API that allows its clients to offer personal financial management solutions like budgeting and saving goals.

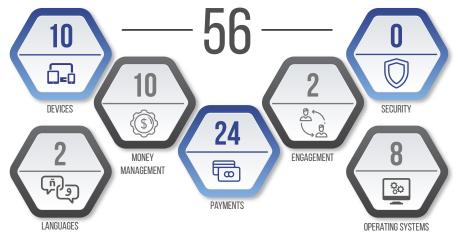


Company: GFT Technologies

Founded: 1987

Categories: Money Management, Payments, Engagement, Languages,

Operating Systems, Devices



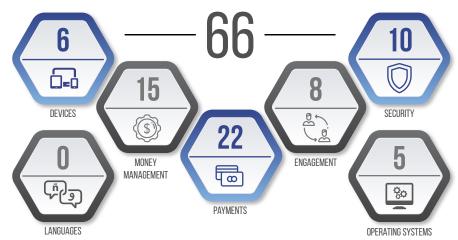
GFT Technologies provides IT solutions to the financial industry, enabling banks and financial institutions to modernize their infrastructure and offer their customers innovative services. Among other features, GFT digital solutions enable automatic account optimization and context based account management, money management, smart financial management and mobile payments.



Company: Halcom Founded: 1992

Categories: Money Management, Payments, Engagement, Operating

System, Devices, Security



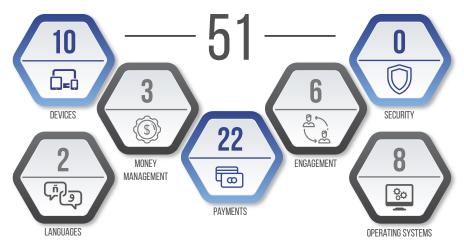
Halcom is an European financial technology vendor catering to central and commercial banks. The comapany's digital banking suite is a single-engine platform that allows individual deployment of online, mobile and tablet solutions.



Company: i-exceed Founded: 2011

Categories: Money Management, Payments, Engagement, Languages,

Operating System, Devices



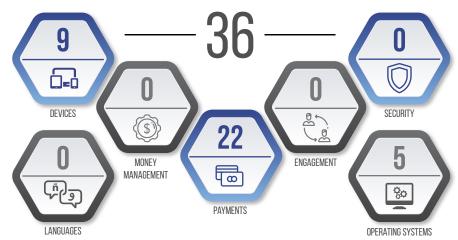
i-exceed is an IT products and services company. Appzillon is i-exceed's flagship product offering and consists of a Unified Application Development Suite, a development platform that allows developers to create apps for various smart devices.



Company: IBT Apps Founded: 1999

Categories: Payments, Operating

Systems, Devices



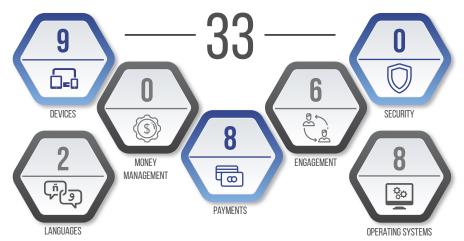
IBT Apps is a financial services software firm that serves the banking and credit union industries. The company's banking solution products include banking, bill payments, mobile capture and online transfers.



Company: Inforcorp Founded: 1994

Categories: Payments, Engagement, Languages, Operating Systems,

Devices



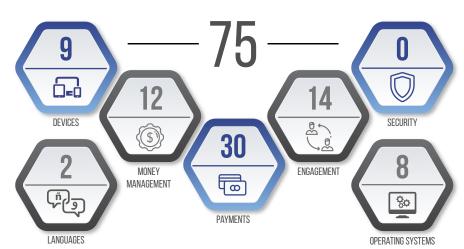
Technology company Inforcorp's main division is IC Banking, which works with Latin American financial institutions offering an omnichannel banking platform, allowing banks to develop better user experiences for customers who use their website and mobile site, social media, and branches.



Company: Infosys Founded: 1981

Categories: Money Management, Payments, Engagement, Languages,

Operating Systems, Devices



Infosys is a technology solutions developer offering products covering not only digital banking solutions, but also commerce functionalities like marketing and digital commerce. The company develops Finacle, a digital banking product that covers different industry's needs and offers a broad range of features including: savings budget planner, fund transfers, bill payment, online purchases, touch ID based biometric authentication, augmented reality, personalized onboarding through QR codes, and mobile remote deposit capture. Finacle also offers PFM customer engagement features including personalized offers and social integration.

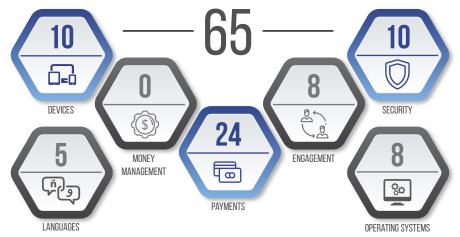
InfrasoftTech,

Company: Infrasoft Technologies

Founded: 1995

Categories: Payments, Engagement,

Languages, Operating Systems, Devices , Security



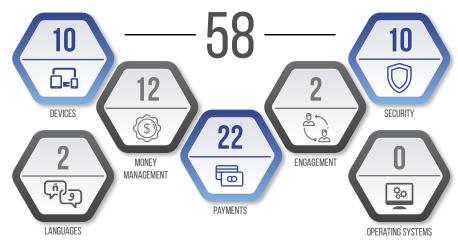
Infrasoft Technologies provides digital solutions to nancial institutions. Its mobile banking solution enables customers use their smartphones to manage accounts, transfer funds, pay bills and access analytical dashboards. The solution features standard security capabilities including data encryption, session key protection, multifactor authentication and tokenization.



Company: Innofis Founded: 2012

Categories: Money Management, Payments, Engagement, Languages,

Devices, Security



Innofis is a global provider of multichannel digital banking platforms. Innofis allows banks to provide customers with a wide range of services, from transactional services for payments, transfers, cards and accounts, to account opening, loan requests and investment management. In addition, it enables banks to collect information through its social media integration and build personal relationships with customers by offering an experience based on behavioral patterns. Innofis also offers personal finance management tools allowing customers to manage their financials and forecast effectively. The company offers 2nd factor authentication and authorization process based on user roles and user access rights.



Company: Intelligent Environments

Founded: 1985

Categories: Money Management, Payments, Engagement, Operating Systems, Devices, Security 10

2

DEVICES

MONEY
MANAGEMENT

PAYMENTS

DEFICITION OF PAYMENTS

DEPORT THE STATE OF PAYMENTS

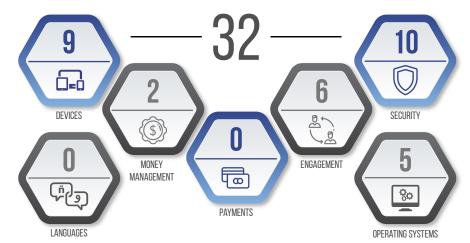
Intelligent Environments is a company focused on the development of online and mobile financial solutions. "Interact," the company's banking platform, includes different capabilities going from the processing of the acquisition of new products to the completion of P2P and bill payments. The firm also develops tools allowing for saving and debt planning or payments cards data entry facilitation between others. Interact is PCI-DSS Level 1 certified.



Company: iQuantify Founded: 2009

Categories: Money Management, Engagement, Operating Systems,

Devices, Security



iQuantifi develops an algorithm-based financial planner. The solution offers tools such as scenario planning and investment advice. The software also allows for importance ordering of goals and helps in the identification of budget areas where money can be saved to accomplish their financial goals. iQuantifi follows the same standards as banks and use 128-bit secure socket layer technology (SSL) and SHA-256 encryption, so sensitive information is fully protected.

jack henry & ASSOCIATES INC.

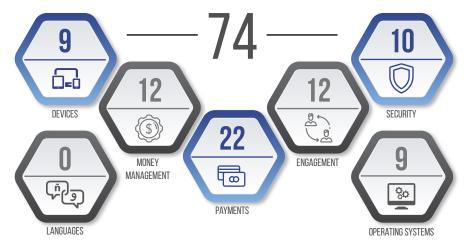
Company: Jack Henry & Associates,

Inc.

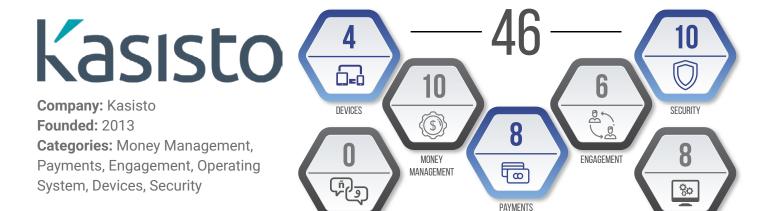
Founded: 1976

Categories: Money Management, Payments, Engagement, Operating

System, Devices, Security



Jack Henry & Associates integrates computer systems for in-house and outsourced data processing to commercial banks, credit unions and other financial institutions, primarly those located in the U.S. It also provides complementary products and services such as internet banking and retail delivery solutions.



Kasisto develops Kai, a conversational AI platform. KAI Banking enables financial institutions to add virtual assistants and smart bots to their mobile apps and leading messaging platforms, including Facebook Messenger, Slack and classic SMS.

LANGUAGES

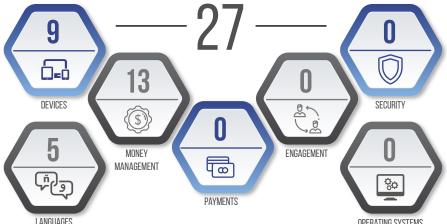


Company: Kontomatik

Founded: 2009

Categories: Money Management,

Languages, Devices



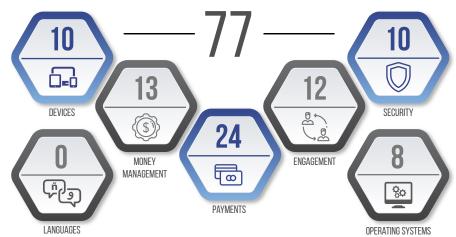
Kontomatik is a provider of banking API for internet banking and personal finance management and FinTech applications. The company offers banks and financial institutions data aggregation tools, which are intended to enable them to offer their customers more efficient internet banking systems.



Company: Kony Founded: 2007

Categories: Money Management, Payments, Engagement, Operating

Systems, Devices, Security



Kony is a cloud-based mobile application development platform that enables banks to deliver a unified, personalized and omnichannel customer experience. Banks can offer customers a personal financial solution to perform all essential banking functions: check account balances and details for all product types including checking, savings, mortgage, credit cards, and brokerage; view and search transactions; set up and schedule transfers, bill payments, and person-to-person (P2P) transfers and more. Kony also allows banks to build personalized campaigns and promote merchant rewards and offers. The app supports SSL encryption and enables two-factor authentication using challenge/response system (with hardware or software tokens).



Leveris is a technology company that builds a full-service, modular, banking-as-a-service solution. Their platform has two products integrated into it: a full-service end-to-end digital retail banking and a full-spectrum lending solution.

MANAGEMENT

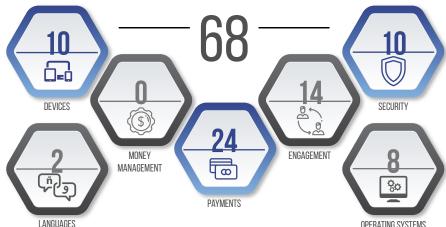


Company: MagiClick Founded: 1996

System, Devices, Security

Categories: Payments, Engagement,

Languages, Devices, Security



PAYMENTS

MagiClick provides multi-platform UX/UI design, development and marketing capabilities. Between their solutions is the digital banking platform and a gamification platform for adding gaming mechanics to users actions.

SECURITY

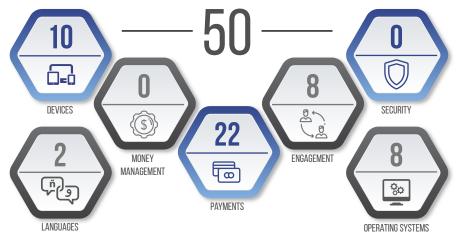


Company: Malauzai Software Inc.

Founded: 2009

Categories: Payments, Engagement, Languages, Operating Systems,

Devices



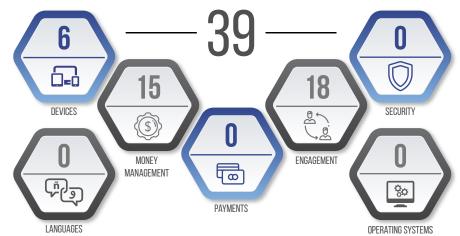
Malauzai Software develops banking solutions for financial institutions, delivering mobile and internet applications intended to enhance the customer experience across all channels (mobile, tablet, desktop and wearables).



Company: Meniga Founded: 2009

Categories: Money Management,

Engagement, Devices



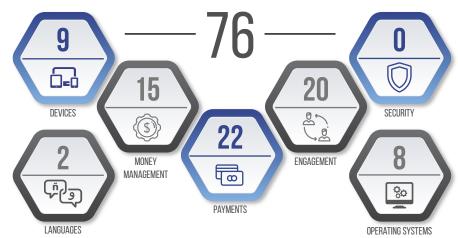
Meniga develops financial technology solutions. The company offers a personal finance manager that allows the users to follow their activity from different accounts, get cash flow forecasts, categorize expenses and establish saving goals. Other solutions include marketing tools like the design of campaigns based on consumer behavior as wells as consumer data analytics capabilities, enabling financial institutions to deliver targeted offers and rewards.



Company: Misys Founded: 1979

Categories: Money Management, Payments, Engagement, Operating

Systems, Devices



Misys is a financial services company that develops products covering core banking functionalities as well as capital, investment and risk services. FusionBanking, Misys´ digital banking solution, enables financial institutions to offer their clients a complete suite of retail banking services such as Personal Financial Management tools like automated transactions categorization, spending analysis, budgeting and saving goals, online and mobile account management; payments and transaction services; and digital sales capabilities including campaign management, targeted offers, CRM, social media integration, rewards/loyalty programs, innovative advertisement and analytics.

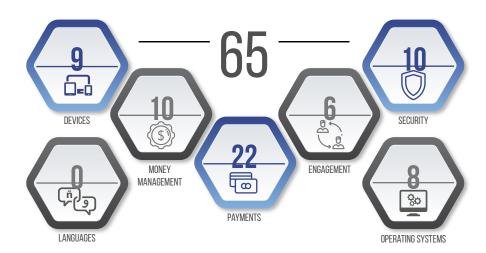


Company: Mobilearth

Founded: 2005

Categories: Money Management, Payments, Operating Systems,

Devices, Security



Mobilearth develops an omnichannel mobile banking product designed for financial institutions and their customers. It offers different features to help the user manage their digital bank account such as money transfers, bill payments, P2P transactions as well as personal financial management capabilities like expense tracking and budgeting. Mobilearth offers bank-level security standards, data encryption and multi-factor authentication.



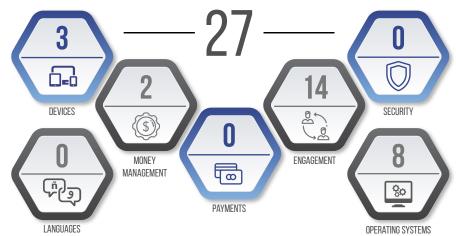
Moonraft is an innovation and design firm. The company recently launched Catamera, which offers clients a library of web components to help banks develop and release innovations to keep up with consumer expectations.



Company: Moroku Founded: 2012

Categories: Money Management, Engagement, Operating System,

Devices, Security

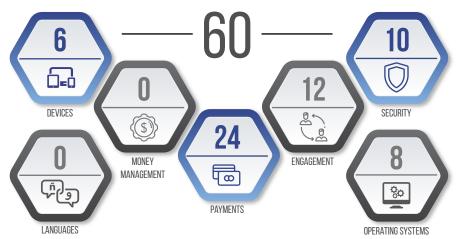


Moroku is a financial services technology company that builds mobile banking and payment platforms that banks use as white label solutions to engage with their customers. For example, the company's Moroku Game System builds engagement by gamifying consumer interactions in banking and payments.

mSHIFT. Relevant, Mobile, Solutions.

Company: MShift Founded: 1999

Categories: Payments, Engagement, Operating Systems, Devices, Security



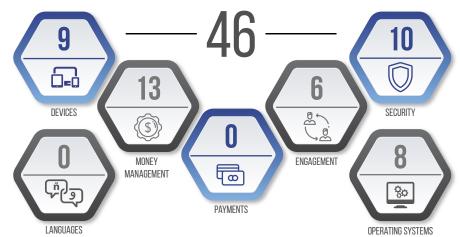
MShift offers payments and mobile banking solutions to banks and financial institutions. The firm supports P2P and bill payment as well as ACH payments and gives banks and FIs the ability to offer deals and rewards programs to advertise products. MShift provides secure services where sensitive user information is transmitted via end-to-end SSL.



Company: MX Founded: 2010

Categories: Money Management, Engagement, Operating Systems,

Devices, Security



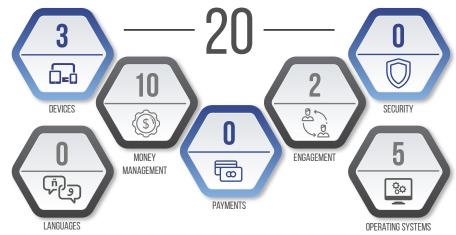
MX works with partners and clients to enable digital money management and omnichannel banking solutions. The solution offers analytics tools with embedded alerts to increase bank users' knowledge of how their expenses evolve. It also allows banks to deploy marketing strategies using tools like in-app notifications. MX is PCI compliant.



Company: NAMU Founded: 2014

Categories: Money Management, Engagement, Operating Systems,

Devices



NAMU is a white-label digital banking platform and mobile app. Customers of banks that install or run the platform can use the app to review transactions, record spending on a calendar and search financial history. They can also link accounts to social network profiles.



Company: Naqoda Founded: 2011

Categories: Money Management, Payments, Engagement, Languages, Operating System, Devices, Security

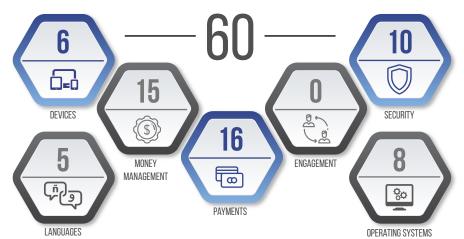


Naqoda provides software solutions and consulting to the financial industry. Its Core Banking solution works across online, mobile and tablet channels and offers different tools, ranging from money transfers to loans.

uetcetera

Company: Netcetera Founded: 1996

Categories: Money Management, Payments, Languages, Operating Systems, Devices, Security



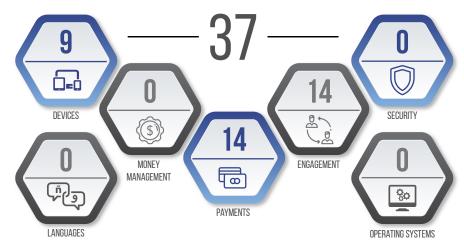
Netcetera is a software developer that has created a mobile banking software that enables bank customers to access their assets, make payments, place stock exchange orders, contact the bank using the integrated mailbox and the location of the nearest ATM. Netcetera also offers a personal finance management module that enables users to better organize their finances by setting saving goals and categorizing transactions.

NETIKS ADVANCED E-BUSINESS

Company: Netiks Founded: 2001

Categories: Payments, Engagement,

Devices



Netiks develops and deploys advanced e-business solutions primarily focused on internet financial and banking applications, customer relationship management, business intelligence, internet/extranet solutions and e-business integration. Its e-banking software enables bank customers to access and manage their accounts, make transfers and bill payment and includes card management and reporting tools.

SCORECARD - B2B

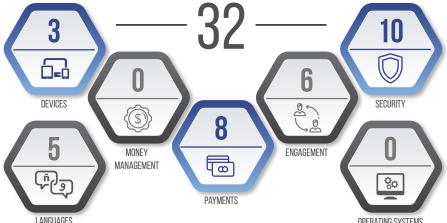


Company: NexorONE

Founded: N/A

Categories: Payments, Engagement,

Languages, Devices, Security



NexorONE is an online banking software provider for private international banks, offshore financial institutions, savings and loans, credit unions, investment fund managers and payment processing companies.

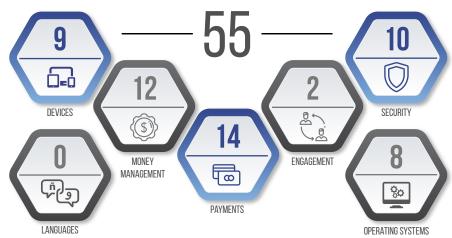


Company: NF Innova

Founded: 2013

Categories: Money Management, Payments, Engagement, Operating

Systems, Devices, Security



NF Innova is a software solutions company that specializes in creating Omni-Channel Customer Interaction products. iBanking, the company's flagship product, enables banks' clients to check their account balances, make payments and transfer money between accounts. In addition, iBanking Personal Finance module offers capabilities including cost and revenue tracking, transaction categorization, budget control and a payments calendar. iBanking also allows integration with the social networks such as Twitter, Facebook or YouTube video service. The solution offers international security standards and protects transactions by data encryption.

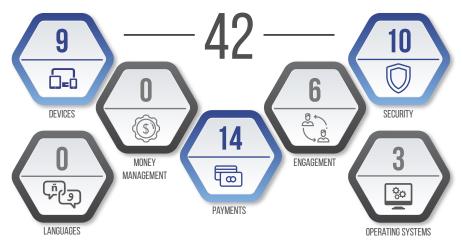
SCORECARD - B2B



Company: Nucleus Software

Founded: 1986

Categories: Payments, Engagement, Operating Systems, Devices, Security



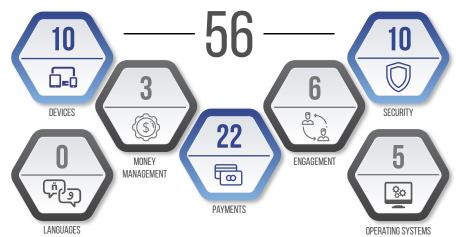
Nucleus Software provides lending and transaction banking solutions for financial institutions. The company offers platforms designed to support retail lending, corporate banking, cash management, mobile and internet banking, automotive finance, and other business areas.

NYMBUS

Company: NYMBUS Founded: N/A

Categories: Money Management, Payments, Engagement, Operating

System, Devices, Security



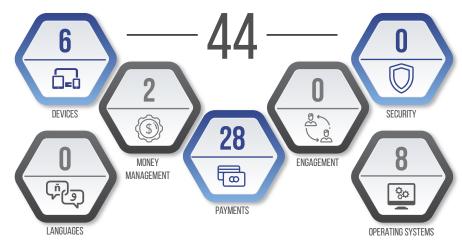
NYMBUS offers a software system that includes core processing functionality, a suite of applications and the hardware and network infrastructure to power them. Among the features in the core processing solution are personal financial management, interactive statements and multiple account management.



Company: Obopay Founded: 2005

Categories: Money Management, Payments, Operating Systems,

Devices

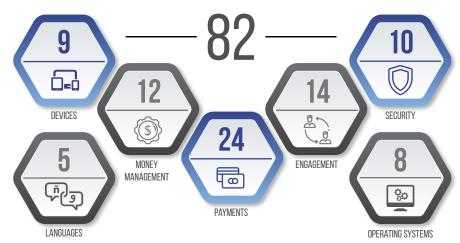


Obopay provides businesses an integrated processing platform capable of linking multiple participants into a transaction network. Obopay offers money management services under a single white-labeled mobile payment platform designed for service providers, banks and retailers. The platform gives customers the ability to make money transactions by using a virtual wallet which can hold money, coupons, loyalty points, stored value cards and membership cards. P2P payment feature and merchant payments are also supported.

ORACLE

Company: Oracle Founded: 1977

Categories: Money Management, Payments, Engagement, Languages, Operating Systems, Devices, Security



Oracle is a hardware and software developer offering integrated solutions to a range of industries. Oracle offers banks and financial institutions the Oracle Banking Digital Experience solution, which includes digital marketing, customer and product acquisition, service and social engagement tools to enable banks to modernize their digital channels. It also offers PFM features such as budgeting and spending categorization and payment capabilities including P2P, bill payments and payments at POS.

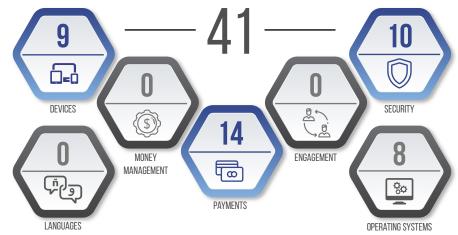


Company: Payment Cloud

Technologies **Founded:** 2008

Categories: Payments, Operating

System, Devices, Security



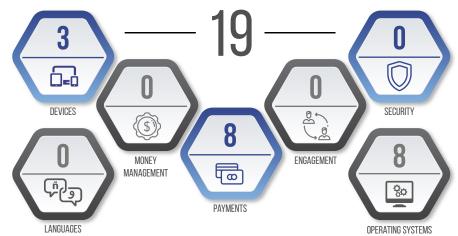
Payment Cloud Technologies (PTC) has developed bank.VISION, a digital banking solution which allows customers to deliver banking services via the cloud. The system enables financial institutions to provide services such as digital wallet, bill payment, online, email and SMS alert facilities as well as money-management tools, among others.



Company: PayKey Founded: 2015

Categories: Payments, Operating

System, Devices



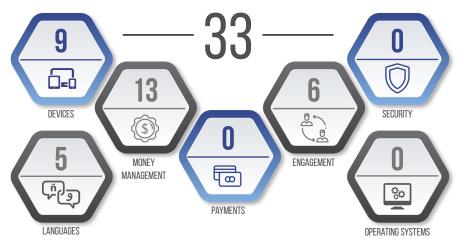
PayKey's solutions aim to help banks blend their financial offerings into their customers' social and messaging experiences. The company's Mobile Banking Keyboard solutions integrate with the bank's mobile app, allowing users to initiate and complete several financial services, including P2P payments, payment requests, check balancing and cardless cash withdrawal, to name a few.



Company: Perfectsen

Founded: 2010

Categories: Money Management, Engagement, Languages, Devices



Perfectsen is a Personal Finance Management solution provider offering banks a PFM functionality to help them increase loyalty and retention. Customers can understand their finances through graphs, charts and reports of their spending, income or budget. Perfectsen has also deployed The Hook, an enterprise ad management platform for online banking, marketing sites, mobile and other digital channels that require audience targeting and retargeting. The Hook uses transactional data, demographics and psychographics to perform targeted cross selling across digital channels.

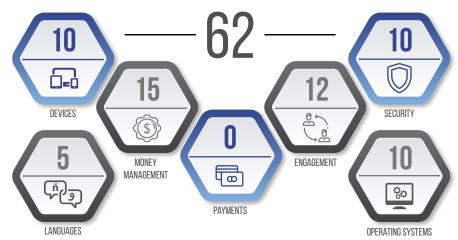
personetics

Company: Personetics

Founded: 2011

Categories: Money Management, Engagement, Languages, Operating

System, Devices, Security

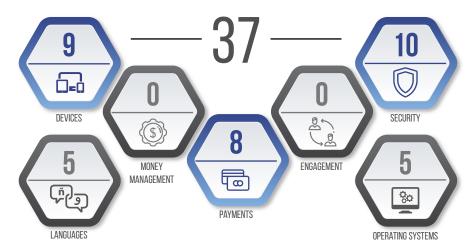


Personetics is a company with locations in New York, London and Tel Aviv that develops financial services which employ Al, predictive analytics, machine learning and natural language understanding technologies in order to help users improve their finance.



Company: Probanx Founded: 2000

Categories: Money Management, Engagement, Languages, Devices



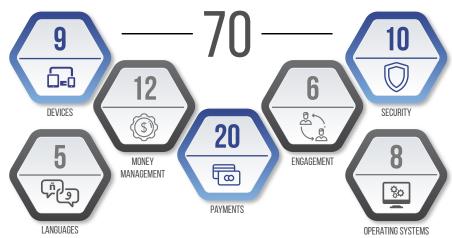
Probanx Information Systems, a banking software company based in Nicosia, Cyprus, offers an online banking solution that provides such features as international money transfers, multiple languages and transaction history.

Q2 Grow Beyond

Company: Q2 Software, Inc.

Founded: 2004

Categories: Money Management, Payments, Engagement, Languages, Operating Systems, Devices, Security



Q2 Software, Inc. offers financial institutions and banks cloud-based virtual banking solutions to communicate and transact in an easy and secure way. By leveraging virtual banking software across Q2 single, non-siloed technology platform, banks and FI can deliver unified omnichannel banking services from a single secure application. The company's featured payment functionality supports bill payments, domestic and international wires as well as ACH transactions. Q2 offers cross-channel Multi-Factor Authentication and open vendor integration with the financial institution's other third-party applications.

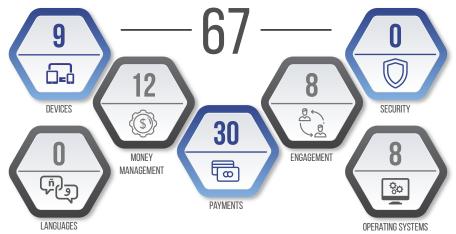


Company: Qulix Systems

Founded: 2000

Categories: Money Management, Payments, Engagement, Operating

Systems, Devices



Qulix Systems is an international provider of software development and QA outsourcing services across a number of verticals, including finance and banking, telecommunications, insurance, health care, SCM and manufacturing. The company develops automated systems for remote banking, including internet banking, mobile banking, ATMs and teller workstations, and SMS banking. Its payments solution enables users to make P2P and bill payments, as well as pay in-store and online. Quilix also offers development and implementation of systems for personal finance management (PFM), online loan service portals and banking systems integration.

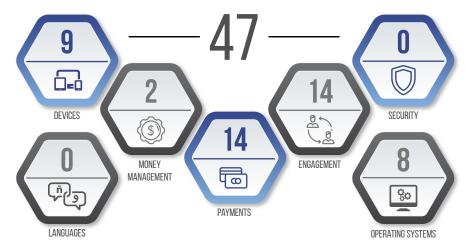
sandstone TECHNOLOGY

Company: Sandstone Technology

Founded: 1996

Categories: Money Management, Payments, Engagement, Operating

Systems, Devices



Sandstone Technology develops digital banking solutions for financial institutions. The company deploys Internet banking, mobile banking and personal financial management products, enabling banks to offer personalized platforms to their customers. Sandstone Technology's solutions include capabilities such as customer engagement (including social media integration and offers), money transfers and bill payments. The company's PFM tool complements financial institutions' existing online banking systems by providing wealth analysis and budgeting features.

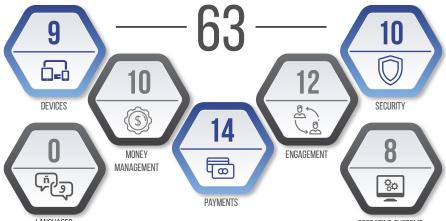


Company: Science Soft

Founded: 1989

Categories: Money Management, Payments, Engagement, Operating

Systems, Devices, Security



ScienceSoft is an international software development company that provides solutions to industries such as banking and finance, healthcare, retail, telecom, and the public sector. The company offers banking institutions internet and banking apps, payments solutions, loyalty and reward programs, CRM tools, information security and risk management, and more.

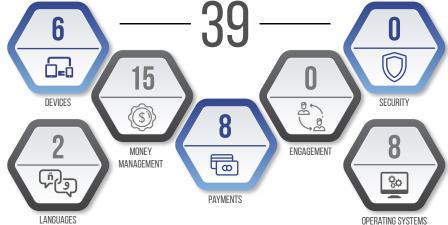


Company: solarisBank

Founded: 2016

Categories: Money Management - Payments - Operating System -

Devices



The solarisBank AG banking platform has a full banking license and enables companies to offer their own financial products. Partners can access solarisBank modules for e-money, instant credit and digital banking, as well as application program interface (API)-integrated services from third-party providers.

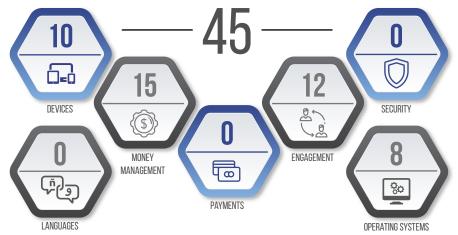


Company: Strands, Inc.

Founded: 2003

Categories: Money Management, Engagement, Operating Systems,

Devices



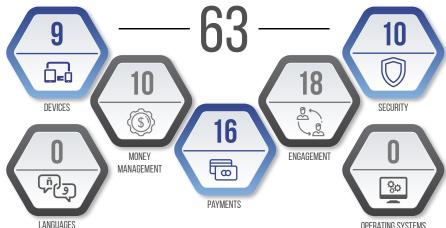
Strands, Inc. develops white-label software solutions for banks and retailers. Strands´ Personal Finance Management app drives engagement between accountholders and financial institutions. Among other features, the app offers automatic categorization, budgeting and saving goals, analytics and a financial calendar. Strands also offers Card-Linked Offers (CLO), a marketing tool that enables retailers to target highly relevant deals and rewards to card-holders through digital banking channels.



Company: Streebo Founded: 2008

Categories: Money Management, Payments, Engagement, Devices,

Security

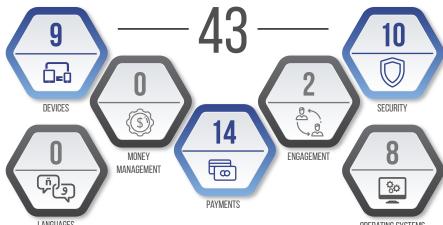


Streebo delivers mobile technology solutions for a wide range of industries, including banking, insurance, financial services, retail and health care, among others. The firm's mobile banking app offers account management tools that allow users view their balance details, pay bills, make money transfers and make deposits.



Company: Syntel Founded: 1980

Categories: Payments, Engagement, Operating Systems, Devices, Security



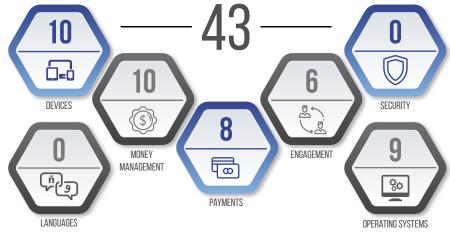
Syntel is a provider of IT services offering solutions to a wide range of markets. For the banking and financial services industry, the company offers multichannel banking solutions as well as payments management platforms. Its online banking solution provides banks with customer engagement tools such as e-campaigns, social media campaign management and portals.



Company: TalkBank Founded: 2016

Categories: Money Management, Payments, Engagement, Operating

System, Devices



TalkBank uses artificial intelligence (AI) to develop chatbot banking products. The solutions enable banks to provide customers with functions such as transfers and bill splitting.

TCS BOUNCS

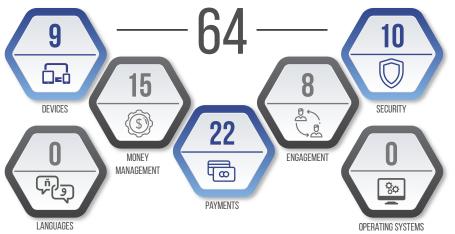
Company: Tata Consultancy Services

BaNCS

Founded: 1968

Categories: Money Management, Payments, Engagement, Devices,

Security



As a member of the Tata Group, Tata Consultancy Services BaNCS offers a suit of solutions for the financial services industry. TCS BaNCS Retail banking solution provides banks with a wide range of digital functionalities including account management, bill payments, P2P payments, remote check deposit, credit card management, personal financial management tools, social media integration and marketing campaign management, and more.



Company: Technisys

Founded: 1995

Categories: Money Management, Payments, Engagement, Languages, Operating Systems, Devices, Security



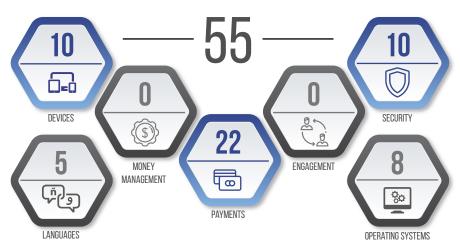
Technisys is an omnichannel digital banking company offering a different range of digital banking solutions focused on the bank's clients and their corporate functioning. Some of its core banking services include risk and account management, while its omnichannel offerings include payments and personal financial management capabilities. Technisys also offers sales features to help banks to provide an array of tailored offers using available big data and analytics tools.

SCORECARD - B2B



Company: Temenos Founded: 1993

Categories: Payments, Languages, Operating Systems, Devices, Security



Temenos Group works with institutions ranging from retail, microfinance and Islamic banks to wealth management, insurance and credit unions on the development of digital financial solutions. Their offers include front end as well as middle and back office solutions and services covering risk and compliance or cloud banking between others.

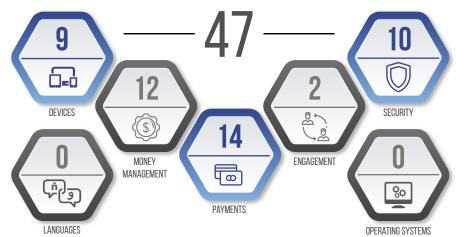


Company: TheBankCloud

Founded: 2009

Categories: Money Management, Payments, Engagement, Devices,

Security



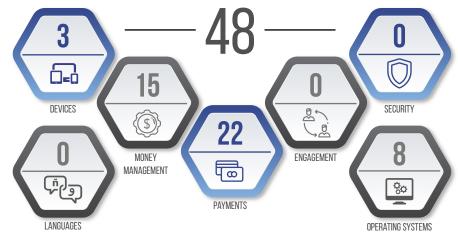
TheBankCloud is a platform for digital banking that enables banks and financial institutions to deploy new banking technologies. The platform offers several functions from mobile banking to personal finance management and wealth management.



Company: Tink Founded: 2012

Categories: Money Management, Payments, Engagement, Devices,

Security



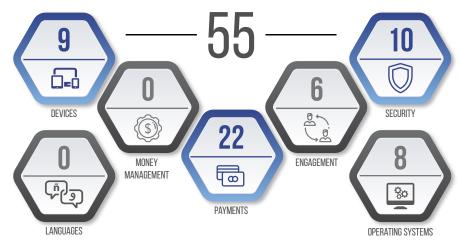
Tink is a cloud-based platform that allows FIs to integrate payments, account aggregation and personal finance management features into their mobile apps or online banking platforms.



Company: The System Works Group

Founded: 1988

Categories: Payments, Engagement, Operating System, Devices, Security



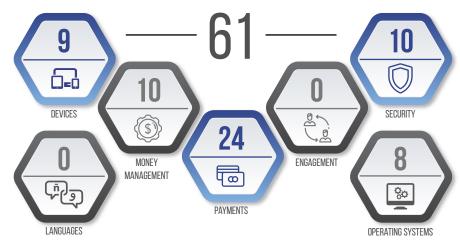
TSWG is an Australian FinTech services company that offers digital banking solutions, digital customer on-boarding and lending platforms and managed network and hosting services.



Company: Tyfone Inc.

Founded: 2004

Categories: Payments, Operating Systems, Devices, Security



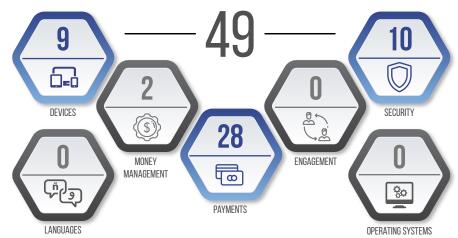
Tyfone has developed a suite of mobile financial services platforms that enable banks to offer their customers a secure banking and payment system. Tyfone's Mobile Banking solution allows customers to view account balances and transaction history, transfer funds, add a payee, capture mobile remote deposits, set and receive alerts and notifications, pay bills, find ATM/branch locations and manage accounts. The company also offers a Secure Transaction Platform architecture for Internet Banking, enabling users to protect their data and transactions with multifactor authentication.

UNISYS

Company: Unisys Founded: 1986

Categories: Money Management, Payments, Operating Systems,

Security



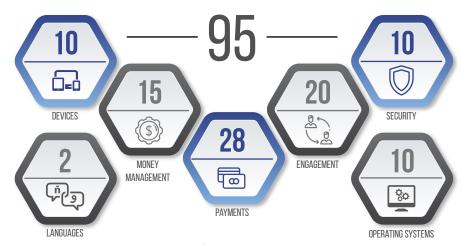
Unisys is a global information technology company that specializes in providing solutions to clients in the government, financial services and commercial markets. The company has developed Elevate, an omnichannel banking solution with capabilities ranging from personal finance management to eWallet payments.



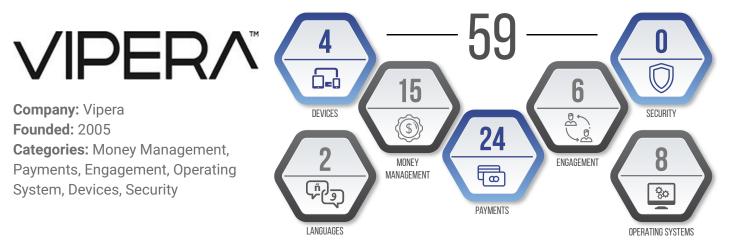
Company: Urban FT, Inc

Founded: 2012

Categories: Money Management, Payments, Engagement, Languages, Operating Systems, Devices, Security



Urban FT is recognized as the industry's leading SaaS-based digital payments platform that enables any brand to seamlessly launch a branded Mastercard or Visa card, lifestyle mobile app and Web solution to complement its core business. We give brands a complete platform to enhance every element of the customer/brand relationship, leveraging what they're doing today by adding a financial services framework, built on our unique understanding of driving the customer journey. Our platform enables brands--including 75 financial institution clients in addition to nonbank clients, representing leading national brands in telecommunications, insurance and travel--to uniquely engage their customers, adding value by deepening and expanding how and when customers interact with the brand.



Vipera is a provider of digital financial services and customer engagement solutions. The company's products range from mobile banking and payments to loyalty and marketing tools.

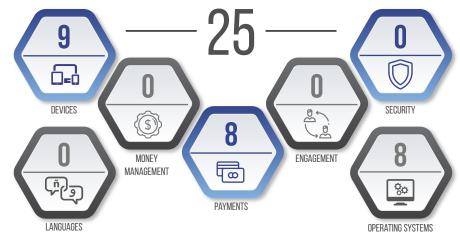


Company: Virtual Affairs

Founded: 1997

Categories: Payments, Operating

Systems, Devices



Virtual Affairs is a software company that specializes in digital channel solutions for banks and insurance companies.

virtusa | POLARIS"

Company: VirtusaPolaris

Founded: 1996

Categories: Payments, Engagement, Operating Systems, Devices, Security

9 0 0 6 SECURITY

DEVICES SOME ANAGEMENT PAYMENTS

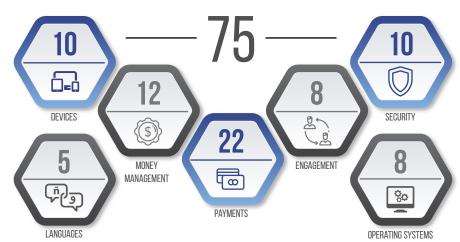
LANGUAGES OPERATING SYSTEMS

VirtusaPolaris develops software solutions for vendors in the banking and financial services, insurance, telecommunications, technology and media, information, and education industries. The company offers banks a range of solutions, including digital banking, mobile payments, omnichannel banking and more. VirtusaPolaris solutions support P2P payments, NFC payments at POS and bill payments.



Company: VSoft Founded: 1996

Categories: Money Management, Payments, Engagement, Languages, Operating Systems, Devices, Security



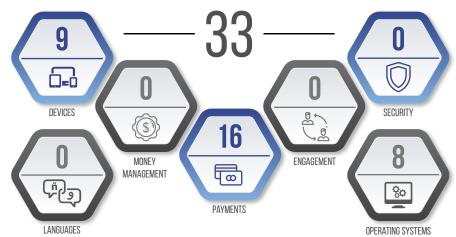
VSoft Corporation offers platform-based services for the banking, financial services and insurance industries. Its IRIS Digital Banking Platform packages online banking, mobile banking, and mobile deposit into a single solution. The company also offers payment capabilities that include wire transfers, P2P and bill payments, as well as personal financial management tools such as budgeting, account aggregation, auto categorization and debt management. In addition, the solution provides social media integration and offers banks digital target marketing tools, enabling them to create targeted advertisements based on specific user data.



Company: WIZZIT Founded: 2002

Categories: Payments, Operating

Systems, Devices



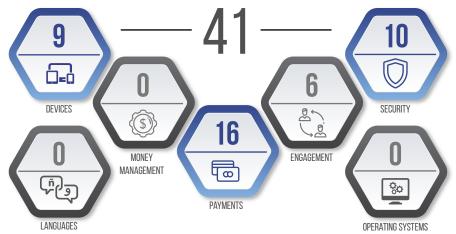
WIZZIT is a mobile banking solution provider that enables users to check their balances and make interaccount transfers, P2P services and transfers to other banks. WIZZIT's mobile wallet can process multiple payment types, including POS and in-app purchases.



Company: XCOM AG Founded: 1988

Categories: Payments, Engagement,

Devices, Security



XCOM AG is a provider and developer of e-banking and payment transaction solutions. The company's multichannel banking systems enable banks to generate loyalty among their clients. XCOM systems offers customer engagement features and supports P2P payments, payments at POS and as in-app purchases.

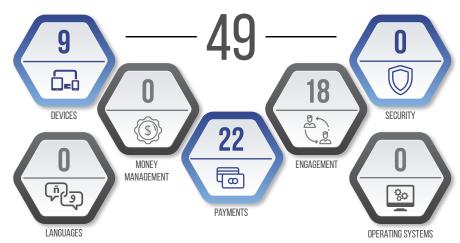


Company: Zenmonics

Founded: 2007

Categories: Payments, Engagement,

Devices



Zenmonics provides information technology, business solutions and consulting services to the banking and finance sectors. Its digital banking solution offers capabilities such as bill payments, person-to-person money transfers, and notifications surrounding recent transactions, account and balance access, and customer engagement tools such as recommended products and offers, and more.

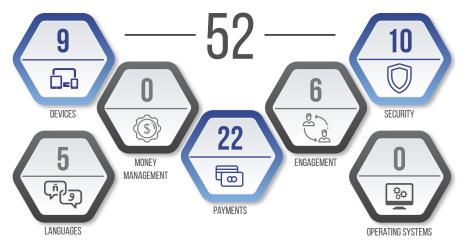
SCORECARD - B2B



Company: Zeptoo Founded: 2010

Categories: Payments, Engagement,

Languages, Devices, Security



Zeptoo empowers financial institutions with branchless banking and mobile payment solutions. Zeptoo mBank is a solution for financial institutions that enables its customers to use their mobile to check their balances, transfer funds and make bill payments. Users can also get promotional offers and other notifications directly on their smartphones.

About

DIGITAL BANKINGTRACKER

The Digital Banking Tracker brings you the latest news, research and expert commentary from the FinTech and consumer banking space, along with a provider directory of notable movers and shakers that are working hard to reinvent the banking industry.

PYMNTS.com

PYMNTS.com is where the best minds and the best content meet on the web to learn about "What's Next" in payments and commerce. Our interactive platform is reinventing the way companies in payments share relevant information about the initiatives that shape this dynamic sector and make news. Our data and analytics team includes economists, data scientists and industry analysts who work with companies to measure and quantify the innovation at the cutting edge of this new world.



<u>Feedzai</u> is Al. We're coding the future of commerce with a platform powered by Al and Big Data. Founded and developed by data scientists and aerospace engineers, Feedzai has one critical mission: to make commerce safe. The world's largest banks, payment providers and retailers use Feedzai's ML technology to manage risks associated with banking and shopping, whether it's in person, online or via mobile devices.

FEEDBACK

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