

unattended RETAIL tracker™

**KFC to deploy self-serve kiosks
to 5,000 locations**

– Page 11 (News and Trends)

**Unattended retail moves
toward smart vending and
cashierless shops**

– Page 17 (Deep Dive)

eTailers, traditional merchants
AIM TO SATISFY CUSTOMERS WITH
AUTOMATED OPTIONS

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Information on PYMNTS.com and Worldnet

ACKNOWLEDGMENT

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PYMNTS.com



WHAT'S INSIDE

Modern merchants striving for success require intimate knowledge of their operations and how they appeal to consumers. They must understand who their customers are, what they like and how well their products meet their needs. eTailers have ready access to the data required to inform their business decisions, but brick-and-mortar retailers do not. As a result, many are looking to smart kiosk solutions to help them meet consumers' expectations.

Smart vending solutions are on the rise and promise to provide new insights. The software for these offerings, which runs on merchants' kiosks, collects and reports insights on the most popular items, and where and when they're sold. This enables retailers to make more informed stocking decisions. Other smart kiosk solutions are [helping](#) merchants better understand their customer bases through features like biometric identification. These capabilities collect demographic information about customers, such as their ages, genders and – in some cases – even their emotions.

Recent smart retail advancements haven't been limited to just the kiosk space, either. Amazon Go and other merchants have rolled out self-serve store models that detect which items consumers pick up and leave the store with. Customers' accounts are

then charged accordingly. Observers have suggested that these store concepts allow companies to analyze customers' buying habits, enabling those that also sell through eCommerce platforms to link information about customers' online behaviors with their in-store purchases.

While retailers appreciate self-serve models because they gather data and cut costs, consumers are attracted to the convenience.

AROUND THE UNATTENDED RETAIL WORLD

Canadians appear particularly eager to embrace more self-serve kiosks. A recent [study](#) revealed that 64 percent of the nation's consumers said the technology made shopping more convenient, and a similar portion said it improved in-store shopping experiences.

Such solutions could even bring convenience to agencies notorious for their frictions. The Hawaiian Department of Motor Vehicles (DMV), for one, is turning to the technology to help customers [skip](#) long lines and even avoid offices altogether by enabling them to complete tasks such as vehicle registration renewals through kiosks at Safeway grocery locations.

Kiosks are also seeing an uptake in use in the healthcare industry, where self-service solutions

company KIOSK Information Systems partnered with solutions provider Zenig to [develop](#) an industry-specific setup. The new offering will allow patients to complete more of the check-in process without relying on staff members, letting them verify and update demographic information, sign documents and make kiosk-enabled health services payments.

CATERING TO INSTANT GRATIFICATION WITH AUTOMATED RETAIL

Grocery stores and other big-box retailers are eager to cater to busy customers through automated kiosks, while eTailers see the technology as a useful way to offer the right products at the right time to consumers on the go.

In this month's Feature Story (p. 6), Gower Smith, CEO of automated solutions provider [Swyft](#), explains how unattended retail solutions are helping retailers augment and enhance their primary sales channels, extend their reaches and speed up in-store purchases.

DEEP DIVE: RETAIL REIMAGINED: THE EVOLVING STATE OF SELF-SERVICE

The unattended retail space is constantly changing as technology advances and merchants innovate to satisfy consumers' growing needs for convenience. Contactless and other digital payment methods have spurred the adoption of kiosk-based sales for everything from movie tickets to medications. Smartphone technology, shelf-based sensors and biometric solutions, meanwhile, are driving kiosk advancements as well as cashierless store concepts.

This month's Deep Dive (p. 17) examines self-service retail's rising uptake, and the new forms and models that are serving the market.

EXECUTIVE INSIGHT

What kinds of challenges do self-serve kiosk operations face?

"Changing consumer preferences have accelerated the pace of change in the self-service sector in recent years.

After years of underinvestment, [it] has now become one of the most dynamic areas in the industry. But whether [stores are expanding kiosk use or] becoming fully automated, the operators are facing the same challenges, and some of the biggest of these are in payments.

The traditional POS payment toolkit is no longer enough to meet consumers' expectations. The self-service sector needs a solution for all channels — the ability to register accounts and tokenize card details on the eCommerce side, EMV and [near-field communication] support from the POS channel and in-app payments on mobile. They need a full omnichannel payments capability, and without this they can't deliver Uber-style, or Amazon Go-style frictionless experiences.

All sorts of businesses want to be able to deliver a frictionless experience to their customers, and they are increasingly looking to these self-service solutions, which offer the ability to both increase revenue and reduce costs, while actually improving the customer experience. An omnichannel payments approach is going to be key to enabling this."

John Clarke

co-founder and head of product innovation
[Worldnet](#)

5 FIVE FAST FACTS

4.3%

Expected CAGR of the global self-service kiosk market from 2019 to 2024

64%

Share of Canadian consumers who say self-service technologies improve their in-store shopping experiences

25.3%

Portion of surveyed Canadian consumers who would not mind autonomous vehicle deliveries

16.34%

Projected CAGR of the global customer self-service software market from 2017 to 2024

5,000

Number of Kentucky Fried Chicken locations to adopt kiosks by 2020



FEATURE **STORY**

Catering to
INSTANT GRATIFICATION
WITH AUTOMATED RETAIL



ECOMMERCE PLATFORMS ARE CREATING COMPELLING SHOPPING EXPERIENCES,

enabling consumers to seamlessly browse products across multiple channels that offer free, two-day delivery options. But while these methods may satisfy consumers who shop from their homes, they don't always work as well for those making on-the-go purchases. Next-day delivery offerings aren't of much help to someone who's gotten halfway through an airport terminal before realizing she needs to buy headphones, for instance. In such scenarios, the convenience offered by eCommerce sites falls short while on-the-ground retail wins the day.

eTailers may be eager to offer these spur-of-the-moment purchases, but not all are ready to or capable of building or renting full stores. Building out a physical location can be pricey, and choosing the right spot is a big decision.

Additionally, the online conveniences offered by digitally native brands may not translate as well to storefront expansions.

Despite these challenges, eTailers keen on extending their reaches to the physical world could accomplish their goals with small-footprint automated stores. Such solutions provide easy-to-manage, on-location sales channels, allowing merchants to offer their products in locations where high rent or limited space makes larger stores impractical, Gower Smith, CEO of automated retail solutions provider [Swyft](#), recently told PYMNTS.

"We can put our brands where consumers need them most," Smith said. "We tend to be in a time and place where consumers ... have a need or a want and we



deliver on that immediately — it's all about immediate gratification.”

MAKING THE UNATTENDED SALE

Unattended retail solutions are well-suited to providing items like convenience goods, over-the-counter healthcare products or consumer electronics to passersby in high-traffic areas, Smith said. It is important, however, to carefully select which items to display to optimize sales.

Self-serve kiosks can hold a limited number of items, and consumers who turn to them expect quick, intuitive experiences. Customers using automated solutions prefer items that require little explanation, and retailers' messaging and even item selections must be able to draw them in from up to 50 feet away, Smith noted.

Automated solutions aren't just limited to kiosks in busy locations, though. Such offerings are also taking root inside traditional stores, playing critical roles for sellers who most connect with consumers through brick-and-mortar sales. Big-box grocery and convenience retailers that tend to experience high-traffic, for instance, stand to benefit from adding automated solutions at their stores. Such sections could look similar to online retail giant Amazon's Amazon Go locations, he said.

Grocery stores, for instance, could better reach consumers by providing automated, self-serve grab-and-go sections, which cater to busy customers who want to skip the aisles and checkout lines. Such approaches, Smith pointed out, can be compared to ATMs outside bank lobbies as alternatives to interactions with tellers.

“We can put a cabinet at the front of the store with a range of products. Maybe some of the products are available on shelves in the store but, because [the

cabinet is] there at the front of the store, it provides a very easy, convenient grab-and-go experience,” Smith said. “We can [also] bring other complementary products into the store with that.”

Businesses eager to provide grab-and-go experiences without offering kiosks could turn to shelves equipped with technology that recognizes when customers remove items. Such setups often rely on AI-enabled visioning technology coupled with other systems like shelf-based weight sensors. There are limits to this model, however. While grab-and-go technology caters to customers purchasing certain ready-made products, other types of goods require more secure handling. Strict regulations could make automated alcohol purchases impractical, for instance.

Nevertheless, adding automation can ease staff members’ workloads, freeing them up to keep checkout lines moving and promoting solutions that make use of the technology’s benefits. As an example, Smith suggested that customers could validate their IDs and make payments for alcohol purchases in person before receiving codes to obtain their items from automated solutions.

DRAWING IN DATA

eTailers turning to automated retail should view kiosks as integral parts of their omnichannel customer experiences. By integrating these solutions into their overall approaches, they can offer technologies that recognize customers’ store cards to provide personalized experiences. Such automated solutions could even offer

UNDER THE HOOD

What trends have you noticed about the interest in and uptake of automated retail around the world?

“There are certain attributes we’ve found that work well for automated retail. If you have a high labor cost, and if you have dense retail locations with high traffic, it’s very suitable.

Where there are various electronic payment solutions, we [find that preferable] for high-value products. [It’s easier] not having to deal with change management and the complexities of cash payments. In China, [our solutions support] WeChat and AliPay. Other countries have acceptance of credit and debit cards.

Currently, our main business is in the U.S. and Canada, but we have a very solid business in Japan as well, where [automated vending solutions have experienced a] high degree of acceptance and labor cost is high — there’s a shortage of people in the workforce. We see a big potential in Japan with the aging population and the challenge of finding skilled labor, as well as [the prevalence of] high-density locations. And as well in most of the European countries where we operate, you have high labor costs.

We are in 12 countries today, and planning geographical expansion into most developing countries.”

Gower Smith,
CEO of Swyft

product recommendations based on consumers' most recent online purchases, Smith said.

Datasharing goes both ways, too, and staff at traditional brick-and-mortar stores would be able to further customize their consumers' experiences by seeing the types of products they purchased from kiosks. Automated retail solutions can also capture details and analyze how well products are selling, helping brands determine which items to stock, where and how frequently to restock them. This information could also offer insight into the consumers interacting most frequently with automated systems, helping businesses tailor their product offerings.

"[Unattended retail] is not just about the automated retail box," Smith said. "It's not just about the automated retail hardware. It's an integrated system [in which] the hardware should have features – for example, sensors – that integrate with the software system that's managing it, so you have a lot more intelligence and ability to remotely control those stores."

As unattended retail aims to help eCommerce brands and big-box retailers reach out to customers, sophisticated data gathering and analysis will help them capture consumers' attention and learn more about their purchasing needs now, as well as which future offerings could benefit them most.



NEWS TRENDS



SMART KIOSKS AND HIGH-TECH RETAIL STORES

AMAZON GO LOOKS ABROAD, TAKES FIRE AT HOME

After making headlines for its U.S.-based cashierless Amazon Go stores, eCommerce giant Amazon is taking the service for a spin overseas, reportedly [snagging](#) retail space in London. This doesn't mean Amazon is forgoing further U.S. investment, though. In addition to its 10 Amazon Go locations in the U.S., reports suggest Amazon is considering launching additional cashierless stores in the nation's airports.

There could be turbulence in Amazon's future, however, as states and municipalities begin to [take aim](#) at retail models that refuse cash payments. While cashless stores provide speed and ease for smartphone-wielding customers, they deny service to the estimated 15.6 million Americans without bank accounts. Philadelphia banned cashless stores, with City Councilor William Greenlee claiming that cashless policies are

discriminatory because many unbanked residents are minorities or have low incomes. The city's law permits stores to refuse cash payments only when the store's services are exclusively accessible to paid members, which is not the case for Amazon Go.

Massachusetts also prohibits stores from refusing cash payments, and New Jersey and New York City are considering following suit.

BYTE FOODS BECOMES BYTE TECHNOLOGY

While Amazon works to infuse smart technology into retail stores, others are using similar solutions to bolster kiosk operations. Smart vending technology provider Byte Foods, for instance, recently [announced](#) it will rebrand itself as Byte Technology, marking a shift in focus from operating its own refrigerated vending machines to providing the platform to other retailers.

Byte told *The Spoon* its technology functions as part of an omnichannel approach and offers retailers that rely on eCommerce and physical locations an additional avenue through which to reach customers. Byte's



approach caters to consumers in high-traffic areas, with features that track vending machine purchases by location and time to help merchants determine what to stock.

CYBERLINK ANNOUNCES FACIAL RECOGNITION RETAIL SOLUTION

The smart vending space is also seeing the release of a new solution. Artificial intelligence (AI) and facial recognition technology company CyberLink announced plans to [demonstrate](#) its FaceMe technology at this month's Digital Signage Expo (DSE) in Las Vegas. The firm's Smart Retail solutions utilize the technology, which leverages a facial recognition engine that enables retailers to identify customers' ages, genders and even emotions. The company says it will help retailers analyze their target demographics and customers' behaviors to improve sales and marketing efforts.

VEHICLE REGISTRATION

KAUAI GETS FIRST SELF-SERVE VEHICLE REGISTRATION KIOSK

Unattended retail has made its way to Hawaii, with Kauai County recently [announcing](#) the launch of a self-serve motor vehicle registration kiosk in partnership with solutions provider Intellectual Technology Inc. (ITI). Deployed at the Lihue Safeway grocery store location, the machine enables customers to handle registration renewals via touchscreen, pay via credit or debit cards and immediately print registrations and license plate tabs. Each transaction costs the customer a \$3 service fee as well as a 2.25 percent card fee.

"This public-private partnership is part of the county's customer service initiative to decentralize services and reduce traffic, and give our residents and businesses an alternative way to pay for their motor vehicle registrations," Kauai's Mayor, Derek Kawakami, said.

SAFEWAY OFFERS DMV INSTANT-REGISTRATION RENEWAL IN HAWAII

Kauai County's self-serve kiosk wasn't ITI's only partnership in Hawaii. The solutions provider is also helping the state [roll out](#) Hawaii DMV Now kiosks in eight Safeway locations, giving customers better access to auto registration renewal services and helping them bypass long office lines. The machines offer immediate license plate sticker and registration card printing, so long as users have their registration renewal notices or license plate numbers handy.

“With nearly 1 million vehicles on Oahu, the demand for registration renewals is always great, but with the help of these new kiosks, we’re making it easier for our residents to get out of line and handle these basic tasks at their convenience in areas close to their communities,” said Kirk Caldwell, Honolulu’s city and county mayor.

Kiosk instructions are available in English and Spanish, and the machines accept credit and debit card payments. The Hawaii DMV Now solution joins similar ITI programs in California, Colorado, Florida, Georgia, Indiana, Nevada, New York, North Dakota, South Dakota and West Virginia, all of which processed more than 4.1 million total transactions last year.



SMOOTHER FLYING

CASABLANCA AIRPORT UNVEILS SELF-SERVICE CHECK-IN SOLUTIONS

A Moroccan airport has released its own new self-service offering, [announcing](#) a recently renovated terminal featuring 12 bag-drop and 30 check-in kiosks from French airport solutions provider IER. The technological additions were made with Moroccan carrier Royal Air Maroc (RAM) to provide its Terminal 1 passengers with smoother check-in processes, offering language selections, seat selections, luggage tag printing and other services.

“The partnership between IER and Royal Air Maroc is based on mutual trust, and Royal Air Maroc was the first customer [that] gave IER [its] confidence in ordering our latest generation of self-service bag-drop products,” said Jean-Luc Rauline, IER’s vice president. “We are convinced that the implementation of IER self-service solutions will increase Royal Air Maroc passengers’ satisfaction and [improve] experiences.”

VISBY AIRPORT OFFERS KIOSKS FOR SELF-BAGGAGE DROP

The airport in Visby, Sweden, is also getting in on the self-service game by [offering](#) fully integrated baggage drop and check-in solutions from airport operator Swedavia. The two-step solution allows customers to check in for their flights, print baggage tags and check

their luggage, or use digital boarding cards sent from in-home check-ins to do the latter.

"With this modern, innovative bag-drop service, Visby Airport will be an even smoother and more efficient airport," said Gunnar Jonasson, Visby Airport's airport director. "It is gratifying that we can now offer automated solutions for every step of our passengers' journeys at the airport. This investment is an important part of the development work to modernize Visby Airport in preparation for the needs of the future. All development takes place in close collaboration with airlines and other partners at the airport, all to make the travel experience as efficient as possible."

Swedavia is committed to sustainability, with its Ronneby Airport location earning fossil-free certification in 2016 and Visby Airport joining the list in 2018. It plans to have all 10 of its airports achieve this status by 2020.

KUWAITI AIRLINE INTRODUCES SELF-CHECK-IN KIOSKS

Low-cost airline Jazeera Airways has joined the self-check-in party, [launching](#) its own kiosks in Terminal 5 of Kuwait's International Airport. The release included other offerings, too, like free Wi-Fi, new restaurants, new shops and a dedicated team offering round-the-clock support.

The solutions are available to all Jazeera Airways passengers, allowing them to enter booking numbers, scan passports, print boarding passes or luggage tags and drop their bags off at designated locations. Recently unveiled food and drink options include Cafe Supreme, Costa Coffee and Slim Chickens, in addition to enhanced duty-free selections and other shopping.

"We continue to introduce services that add value to our customers when traveling with Jazeera Airways," said Rohit Ramachandran, CEO of Jazeera Airways. "These additional



amenities and services at our dedicated Jazeera Terminal are raising the level of the passenger experience that customers can benefit from when flying Jazeera Airways at Kuwait International Airport."

FOOD SERVICE

KFC PLANS TO DEPLOY KIOSKS TO 5,000 LOCATIONS

Quick-service restaurants (QSRs) are also deploying self-service kiosk technology, with fast-food firm KFC set to equip 5,000 of its locations with the solutions by 2020, according to a recent company [earnings call](#). Its parent company, Yum Brands, has had previous success with Taco Bell, and other brands like Dunkin', Johnny Rockets, McDonald's, Panera Bread and Wendy's have all rolled out similar solutions.

KFC's kiosk rollout occurs amid other upgrades and modernizations. Franchisees in Central Europe, China, Eastern Europe, India, New Delhi, Poland and the U.K. have

all tested and deployed the technology as far back as 2008 with varying levels of success. Yum China also introduced facial recognition payments at more than 300 Chinese locations last year, as well as automated dessert stations that allow customers to order by scanning QR codes.

BLEEP RELEASES SELF-SERVICE OFFERING FOR VARIOUS INDUSTRIES

Point-of-sale (POS) solutions provider Bleep has completed testing and launched a self-service electronic POS kiosk for casual dining, events, hospitality, QSRs, retail, stadiums and theaters, among other venues. The U.K.-based company [developed](#) its Bleep SS-821 machine over the past two years, aiming to improve customer experiences with intuitive software, high-speed printers, touchscreens, user-friendly interfaces, easy-to-navigate menus, quick-select ordering and Ingenico card-payment-device integrations.

“The SS-821 kiosk ... has been designed for fast-paced environments with responsive touchscreen capabilities and an intuitive user interface, where customers can quickly and easily browse the menu, select items and finalize their orders with integrated card payments,” said John Wellman, Bleep UK’s Group CEO. “Feedback from the trial sites, operators and customers has been excellent, with benefits such as spend-per-head increases and a reduction in queues felt almost immediately.”

Bleep SS-821 can also be customized with company logos and colors, allowing it to seamlessly integrate with businesses’ current materials. Food orders placed through the devices are sent for immediate preparation, notifying kitchens that there are items to be made. The kiosks can link with back-office systems, too, enabling real-time price and product updates, as well as sales and stock reporting.

HEALTH AND CLEANLINESS

ZENIG, KIOSK DEMO SELF-SERVICE FOR HEALTHCARE

Two other self-service firms are working to release solutions that offer patients better access to their healthcare needs. Industry solutions provider Zenig and self-service solutions company KIOSK Information Systems have [partnered](#) to create products for hospitals, outpatient centers, physician practices and other healthcare facilities, enabling patients to check themselves in, verify and update their demographic information, make payments or sign necessary documents. The self-service kiosk debuted at the February 2019 Healthcare Information and Management Systems Society conference in Orlando, Florida.



“Partnering with KIOSK allows us to seamlessly pair our innovative software platform with their robust hardware offerings,” said Zenig’s CEO, Shawn Zimmerman. “This gives our customers the ability to implement a turnkey solution. No two healthcare providers have the exact same requirements, so pairing Zenig’s software platform with KIOSK’s configurable hardware enables a tailored solution to fit each client’s specific needs.”

The companies hope the solution will ensure Health Insurance Portability and Accountability Act (HIPAA) compliance, improve medical facilities’ financial performances, optimize employees’ and medical professionals’ workflows and improve patient services.

CSC SERVICEWORKS, USAT REACH SUPPLY AGREEMENT

In other self-service kiosk news, digital payments, consumer engagement and logistics services provider USA Technologies (USAT) has [reached](#) an ePort Supply Agreement with commercial laundry and air vending solutions firm CSC ServiceWorks. Under the agreement,

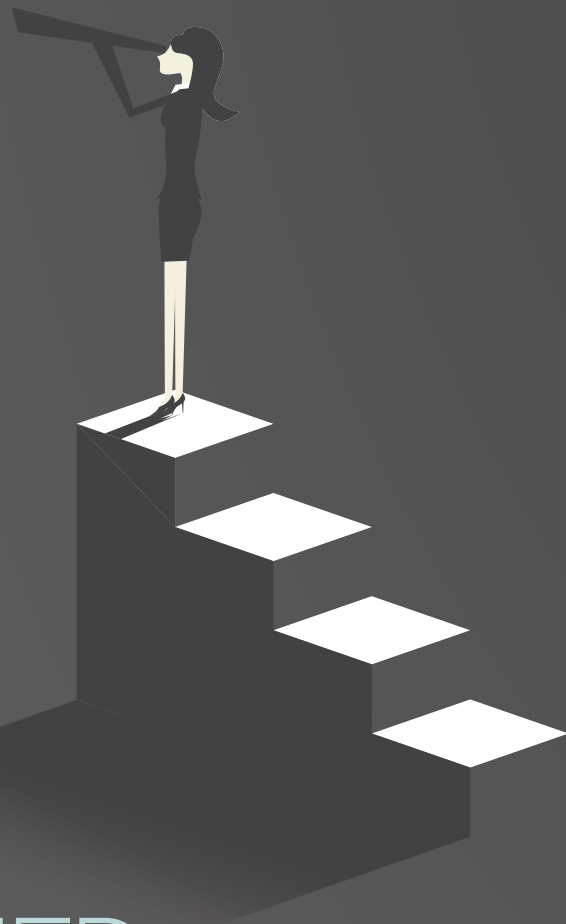
CSC’s vending machines will be equipped with USAT’s ePort Connect cashless payments platform. The partnership will also include technological upgrades for the rest of CSC’s machines.

“As a business, we are focused on expanding our innovation and industry leadership by leveraging technology through our connected machine strategy and delivering the ensuing benefits for our clients and consumers to continue to obtain best-in-class experiences,” Taylor Doggett, CSC’s executive vice president of field technology, noted in a press release.

CSC boasts more than 1 million in-home and commercial laundry solutions, in addition to gas station and convenience store tire inflation and vacuum offerings across Canada, Europe and the U.S. Its clients and end users will now have access to USAT’s secure, reliable cashless payments system, a move the companies believe will lead to increased revenues and improved customer experiences.



DEEP DIVE



RETAIL REIMAGINED: THE EVOLVING STATE OF SELF-SERVICE

Unattended retail has come a long way from coin-operated jukeboxes and gumball dispensers, and although some relics – like cash-eating vending machines and coin-operated laundry – remain, they’re becoming increasingly outdated with each passing year.

Self-serve retail is moving further away from dependence on hard cash, with many of today’s machines accepting both credit and debit cards – something that is crucial for profits. According to a PYMNTS and Diebold Nixdorf [survey](#) conducted last July, 45 percent of American consumers use debit cards to pay for self-serve retail, while 29 percent use credit cards. Not all consumers have access to payment cards, but those who do often consider them key to a smooth shopping experience.

Consumers aren’t the only group finding convenience in card payments, either. According to Visa, card payments in self-service are also convenient for retailers because digital payments can be directly transferred to merchants’ bank accounts. Convenience aside, a lack of reliance on cash has also enabled vending machines to sell higher-priced goods, such as [luxury jewelry](#) or even [caviar](#).

BROADER INDUSTRY UPTAKE

Self-service kiosk solutions are continuing to evolve, and, as such, they are being adopted in a wider range of industries, including [movie theaters](#) and pharmacies. Uptake is especially strong for low- to mid-priced purchases, particularly in situations where customers know exactly what they want and do not need a store associate’s advice. At a movie theater,



for instance, kiosks enable consumers to purchase tickets on their own. Other retailers reportedly use kiosks to alleviate some of the pressure consumers feel when sales representatives push them to buy or upgrade their purchases.

Another consumer benefit of kiosks is that they allow consumers to access items at times that may be after traditional retail hours, but fit their personal schedules. At a pharmacy, for instance, customers could visit an unattended retail kiosk after hours and still get their medication. These types of solutions provide quick, immediate, 24/7 access.

Kiosks are also speeding up customer checkout at places such as at parking garages. Automated ticket solutions enable drivers to get in and out faster by removing the need for cashiers to manually handle drivers' entry, exit and payment.

REIMAGINING RETAIL

Kiosk technology is becoming more advanced as well, with 4.5 million smart vending machines expected to be deployed in the Asia-Pacific region alone by 2023. These kinds of vending machines are capable of tracking information such as the genders and ages of people who walk by the machines, helping retailers [inform](#) inventory stocking decisions. In addition, these smart machines can automatically [send](#) alerts to retailers when stock levels are low.

Biometrics is another type of technology that's rising in popularity around the world, and as it becomes more commonly used and accepted among consumers, and cheaper for retailers, it's likely that biometric-based identity verification will be present in unattended retail. For instance, some have [envisioned](#) ATMs that use palm scanners and PINs, in place of card reading and PINs.

New proposals for kiosk-based retail models [intend](#) to provide extra levels of convenience. For instance, smart vending machines could be linked up with online order and delivery services. This would mean that when customers place online orders, delivery services could peruse vending machines' stocks and locate nearby machines with the orders' items, collect them and bring them right to the customers' doors.

Other innovations incorporate automated shopping within more traditional brick-and-mortar environments. Amazon Go stores, which were first announced in 2016, have made headlines in that area. Each store is cashierless, and to make purchases, customers must scan their smartphones upon entering the store. The automated system tracks which items they pick up, put down and leave with, and charges them appropriately.

So far, Amazon Go's model has been [limited](#) to stores with smaller footprints, but the company recently made [moves](#) to expand beyond the U.S. — where it currently has 10 stores — and into London.

Another recent cashierless design comes from startup Zippin, which [launched](#) a retail software solution that, like Amazon Go, requires customers to scan their smartphones upon entry. The solution then uses weight sensors built into shelves and overhead cameras to track and determine which shoppers leave with what items. Consumers' accounts are automatically charged for the purchases.

As unattended retail technologies advance, retailers and solution providers are leveraging them to offer more shopping conveniences, provide retailers with better inventory tracking and other data, and meet consumers' demands for quick, easy, in-person commerce. Savvy retailers and solution providers continue to explore new ways to provide self-serve convenience, and applications that we view as modern today may one day seem as outdated as coin-operated jukeboxes.



TOP

TEN



01  **worldnet payments** SCORE 87

02  **apriva** SCORE 86 TIE

02  **CASTLES TECHNOLOGY** SCORE 86 TIE

02  **ingenico GROUP** SCORE 86 TIE

02  **USA** SCORE 86 TIE

06  **IDTECH** SCORE 84
Value through Innovation

07  **Heartland** SCORE 81

08  **UNATTENDED CARD PAYMENTS INC** SCORE 80

09  **Moneris SOLUTIONS** SCORE 76

10  **365 retailmarkets** SCORE 75 TIE

10  **VE GLOBAL VENDING INC.** SCORE 75 TIE
Introducing the Next-Gen Vending Machine

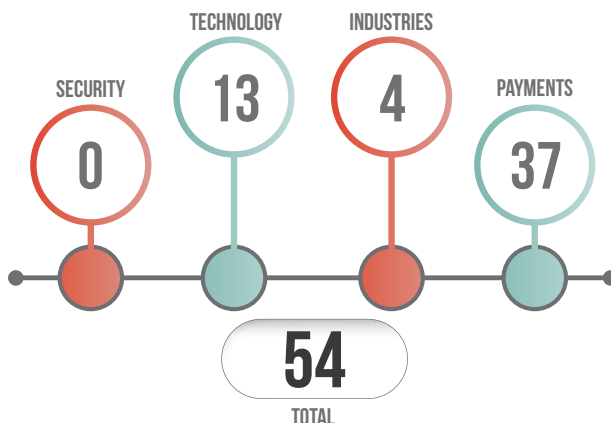
NEW ADDITIONS



scorecard



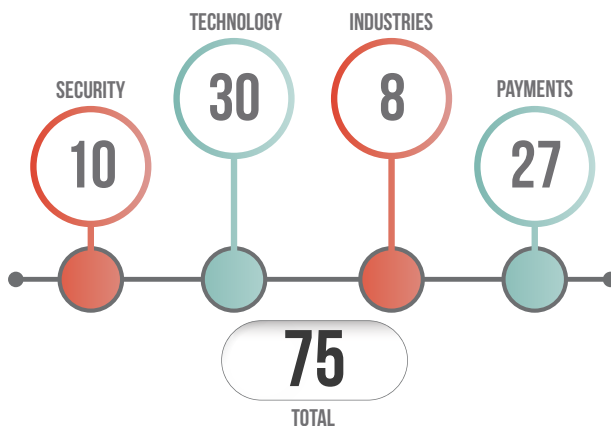
Company: 1.800.Vending
Founded in: 1980
Headquarters: U.S.



1.800.Vending is a vending machine supplier which offers merchants a range of technologies. The firm vending equipment supports NFC technology and accepts Google Wallet, Apple Pay & PayPal Mobile as well as Visa PayWave & MasterCard PayPass, and credit and debit magnetic stripe cards and smart cards. The firm also offers a vending management software which helps merchants monitor and manage sales, profit margins, inventory, etc.



Company: 365 Retail Markets
Founded in: 2008
Headquarters: U.S.

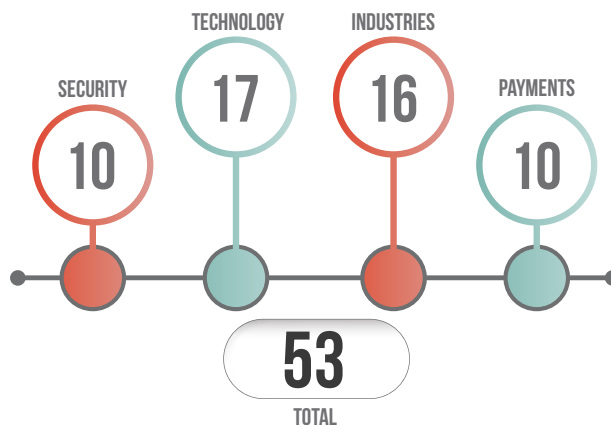


365 Retail Markets is a global provider of unattended and highly automated MicroMarket self-checkout solutions. The company offers PCI certified platforms for vending, food service and hospitality, and provides hardware and software. 365's kiosks offer capabilities such as a dual-sided credit card reader, EMV, NFC and mobile wallets acceptance (including Google Wallet, Apple Pay and Soft Card), a newly recessed fingerprint scanner, and a barcode scanner with the ability to scan coupons from mobile phones. Its software solution provides inventory management and tracking and reporting tools.

scorecard



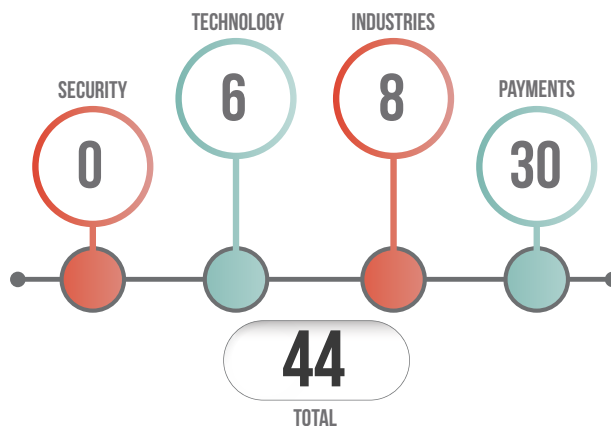
Company: 3C Payment
Founded in: 1988
Headquarters: Luxembourg



3C Payment's services include integrated EMV hardware that links to hosted infrastructure and payment gateway services. The company offers online and in-app payment acceptance linked to onsite and ERP systems.



Company: Accelerated Retail Technologies
Founded in: N/A
Headquarters: U.S.

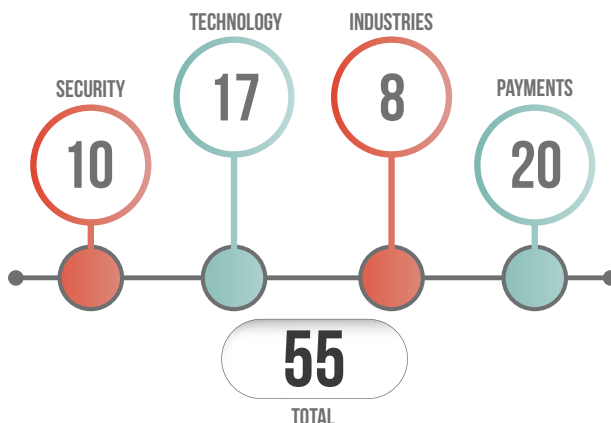


Accelerated Retail Technologies is a provider of automated retailing systems, micro stores, kiosks and self-service retail solutions. The company's offerings include an interactive touchscreen ordering system and back-end inventory management. They also allow for the opportunity to display product information and customizable item sizes.

scorecard



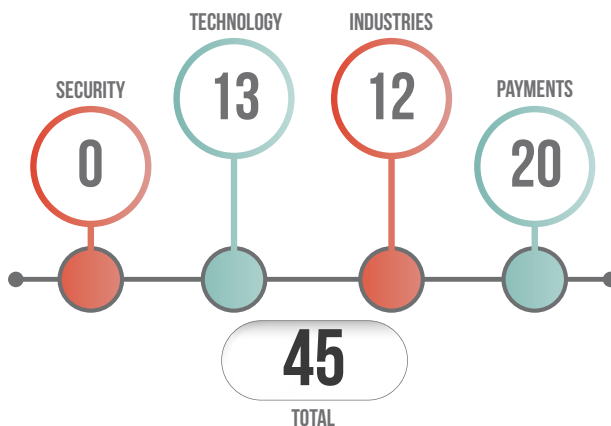
Company: Advam
Founded in: 2014
Headquarters: Australia



Advam offers payment acceptance solutions designed for a wide range of industries, including parking, airports, travel, shopping centers, education, health care, insurance, online retailers and much more. The company's UnattendedPayments solution allows users to pay in an easy, secure and quick way. The solution is an end-to-end solution, integrated with EMV certified terminals and enabled to accept NFC payments. The solution provides highly secure services, as it is PCI DSS Level 1 compliant. UnattendedPayments also includes tools that allow merchants to manage transactions data and improve their understanding of consumers' purchase trends.



Company: Advanced Kiosks
Founded in: 2003
Headquarters: U.S.

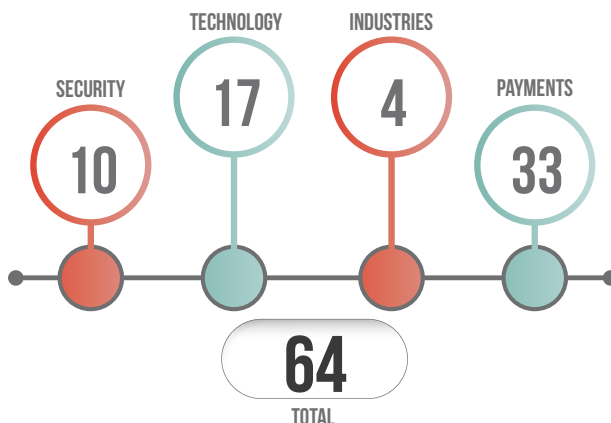


Advanced Kiosks develops self-service solutions for the education, healthcare, government and retail industries. The company designs hardware and software applications to create a made-to-order self-service kiosk. Among other features, their self-service kiosks count with barcode and QR readers as well as magnetic stripe card readers.

scorecard



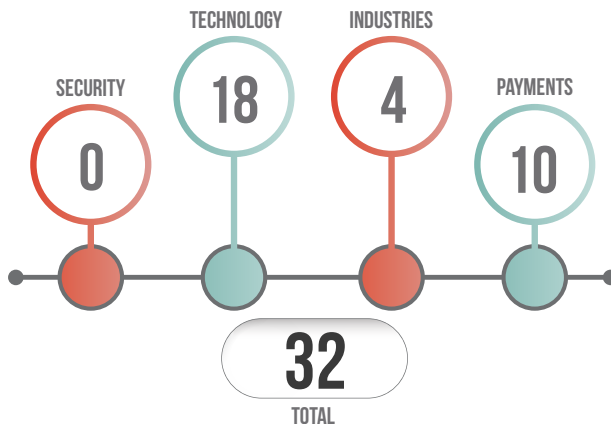
Company: Agilysys
Founded in: 1963
Headquarters: U.S.



Agilysys is a developer and marketer of enterprise software, services and solutions to the hospitality industry. The company has developed the rGuest Buy solution, a self-service kiosk designed for casino resorts, cruise lines, corporate food service, healthcare and hotels, among other verticals. Accepted technologies include magnetic stripe, EMV chip cards and NFC contactless payments. Agilysys is a PCI-compliant firm and utilizes tokenization and fraud management tools.



Company: Almex
Founded in: 1998
Headquarters: South Africa

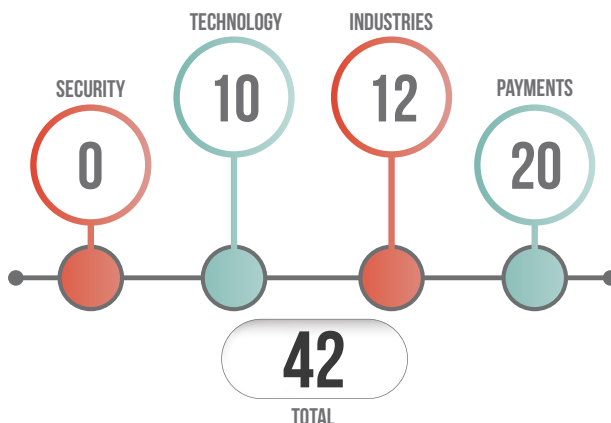


Almex supplies both hardware and software solutions for public transportation smart card ticketing and can be used for bus, train, taxi and BRT companies. Almex also provides an end-to-end solution covering transactions between ticket issue stations, validators, portable sales or validator devices and BRT and back office systems.

scorecard



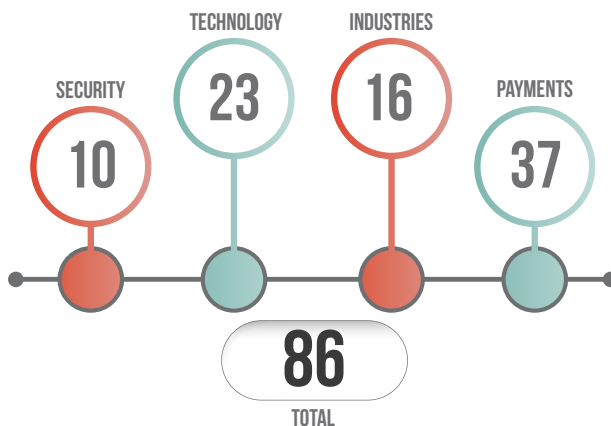
Company: Alps Innovations Group | MagexUSA
Founded in: 2013
Headquarters: Canada



Alps Innovations Group | MagexUSA provides automated and self-service retail kiosks and automated retailing software systems. The company also offers machines designed for vending and remote retail, real-time inventory management tools and customer data analytics. Payments accepted include coins, bills and magnetic stripe as well as chip credit and debit cards.



Company: Apriva Vend
Founded in: 1999
Headquarters: U.S.

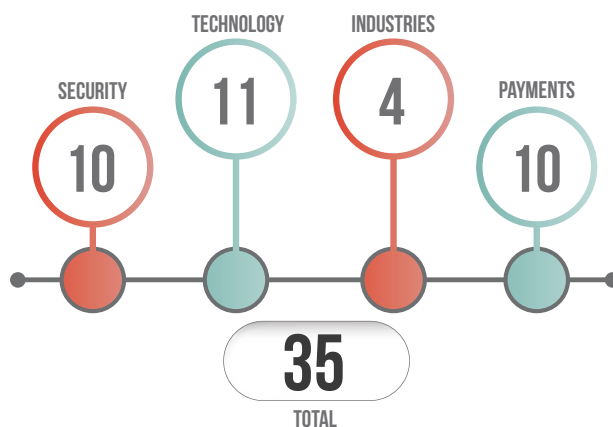


Apriva is a provider of wireless payment processing and mobile communications, as well as POS solutions for mobile merchants, small business, developers, vending machines and education markets. The Apriva Vend product includes hardware and software, wireless connectivity, transaction and alarm reporting capabilities, as well as integration with leading payment processors and financial institutions. Supported payment technologies are EMV, NFC, mobile wallets such as Apple Pay, Android Pay, Samsung Pay; SmartCard and BLE. Apriva's payment solutions is PCI-compliant, it's software encrypts and compresses all cashless payment data, ensuring it is transmitted securely and quickly.

scorecard



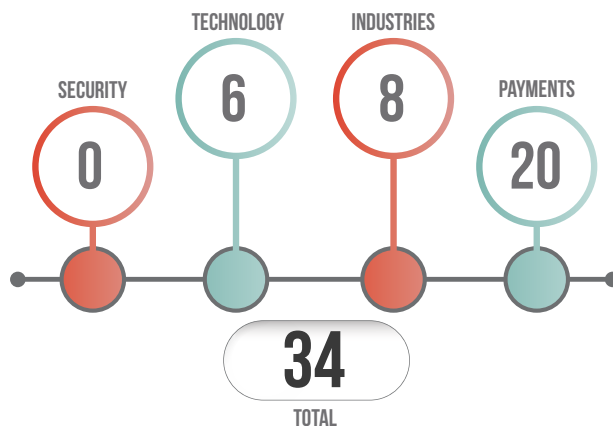
Company: APT Controls Group
Founded in: 1961
Headquarters: United Kingdom



APT Controls Group, a company of the SWARCO Group, develops solutions to coordinate the movement and management of vehicles and people. It works in areas like parking and parking management, electrical vehicle charging, energy storage and crowd control systems.



Company: Automated Retail Systems
Founded in: N/A
Headquarters: U.S.

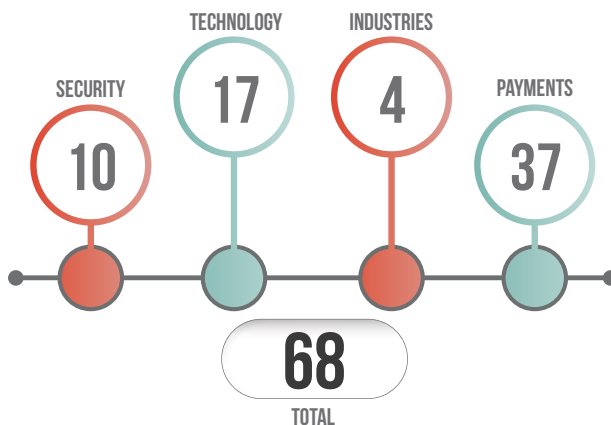


Automated Retail (AR) Systems offers automated retailing solutions that integrate computing, cloud-based monitoring and robotics. AR Systems' vending machines and self-service stores feature a touchscreen, LED lighting and a magnetic stripe card reader.

scorecard



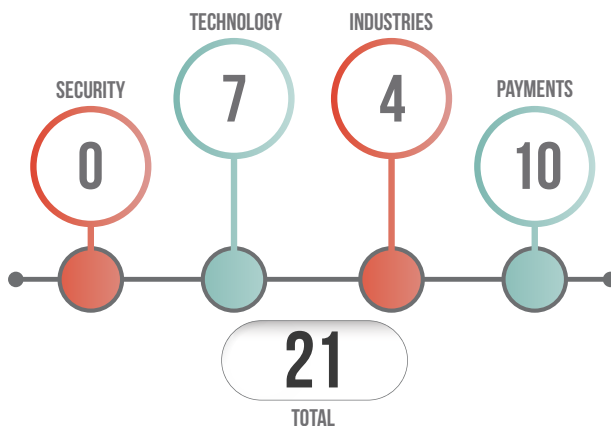
Company: Avanti Markets
Founded in: 2009
Headquarters: U.S.



Offering services to the micro market industry, Avanti Markets aims to help merchants manage their businesses with a back-end software that integrates promotions, inventory management tools, pre-kitting systems and data warehousing infrastructure. The company also provides innovative and PCI compliant kiosks with internet access and enabled to support debit and credit cards and contactless payments such as Apple Pay. The micro markets also support payments through the Avanti Markets mobile app or by using the Avanti Market prepaid.



Company: Bikeep
Founded in: 2013
Headquarters: U.S.

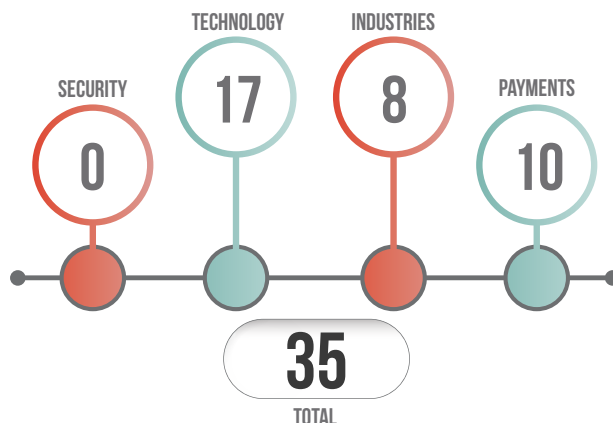


Bikeep produces a secure electronic bike rack with built-in locks and e-bike charging capability for municipalities and communities. Bikes can be locked for up to 24 hours using a mobile phone or local transportation card.

scorecard



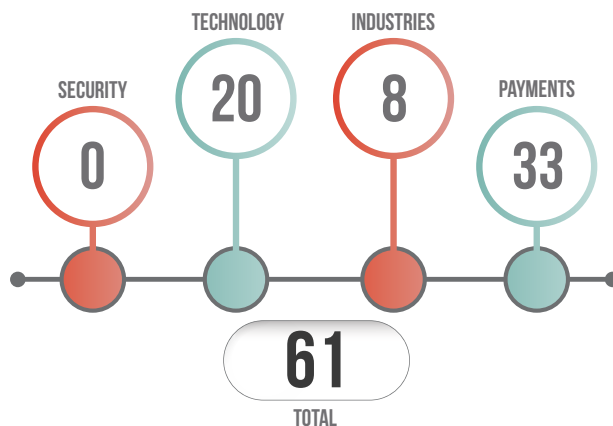
Company: Box Technologies
Founded in: 1992
Headquarters: U.K.



Box Technologies provides clients with POS, mobile tablets, self-service kiosks and digital signage solutions. The company's kiosk products offer cashless payments and enable companies in several industries, including hospitality and transportation, to provide clients with an unattended commerce experience.



Company: BYNDL
Founded in: 2011
Headquarters: U.S.

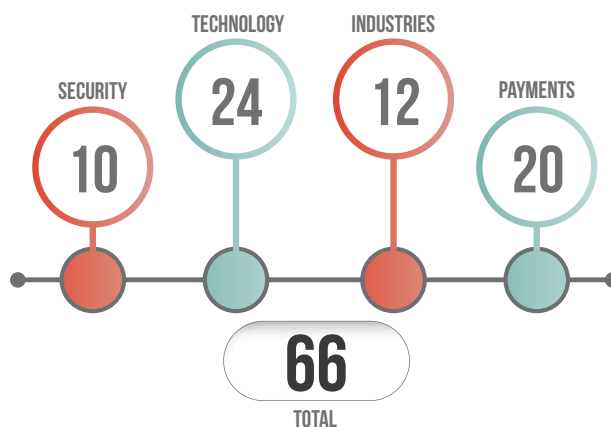


BYNDL is a payment processor that targets unattended retailers that want to support mobile transactions. BYNDL's main product is a mobile app that is currently available through vending machines and the integrated solution provides machine monitoring, cashless processing, VMS services and loyalty and offer programs. Supported payment technologies include BLE, QR Code and magnetic stripe and its supported wallet is PayPal. BYNDL's solutions focus exclusively on the vending industry.

scorecard



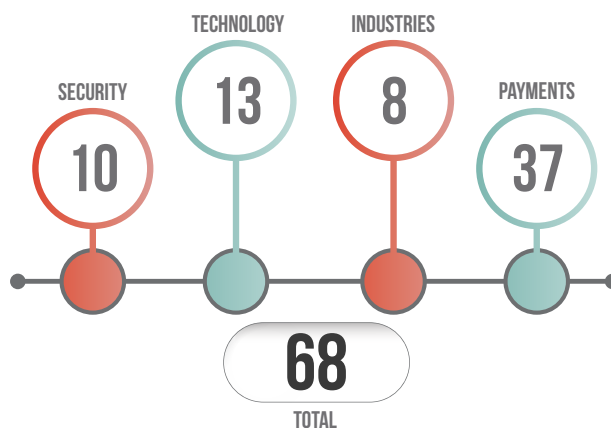
Company: CAMMAX
Founded in: 1999
Headquarters: U.K.



Cammax designs and manufactures touchscreen kiosks. The company's products have a wide range of applications including ticketing, council payments, payments for self check-in, access control and queue management.



Company: Cantaloupe Systems
Founded in: 2002
Headquarters: U.S.

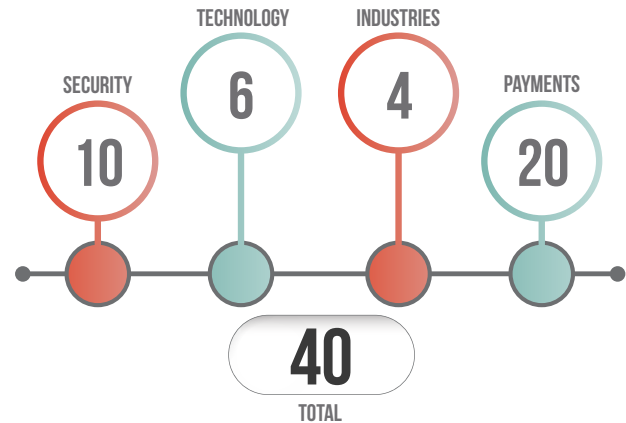


Cantaloupe Systems is a provider of cloud-based, mobile technologies that deliver an integrated vending retail solution for cashless vending and inventory management. The company's vending solution includes its Seed Office management system and Seed Cashless smart card and mobile payment acceptance device. Cantaloupe Systems payments solution is PCI Level 1 certified and supports magnetic stripe and NFC technologies. Its supported wallets include Apple Pay, Google Wallet and Android Pay.

scorecard



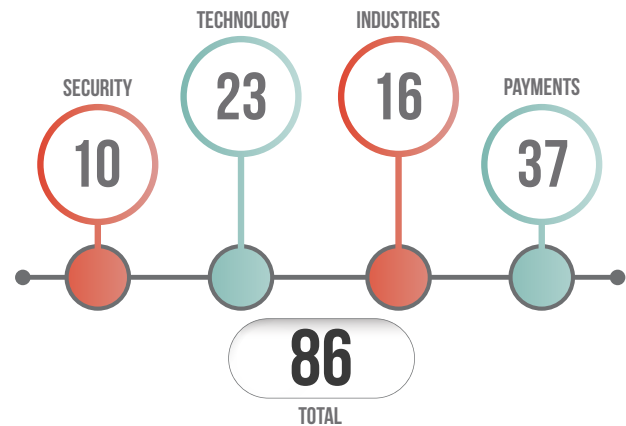
Company: Canteen Vending
Founded in: 1929
Headquarters: U.S.



Canteen Vending is a vending machine operating company that provides vending, office coffee service and dining services. Canteen's interactive and cashless vending machines accept credit cards, debit cards and mobile payment option. The machines also feature intuitive touchscreens, LED lighting and are often equipped with energy-saving technologies. The company payments software offers secured card processing and is PA-DSS compliant per PCI SSC standards.



Company: Castles Technology
Founded in: 1993
Headquarters: Taiwan

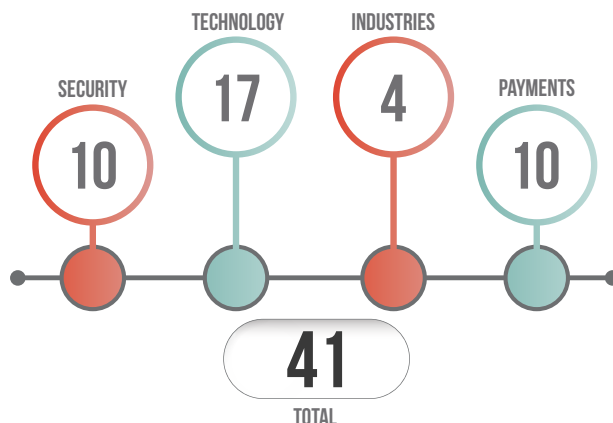


Castles Technology manufactures and provides payment solutions to the financial, retail, parking, hospitality and transportation industries. Its unattended payments terminals offer multifunctional capabilities for vending, ticketing, multimedia kiosks, public transportation, laundromats and other industries. The company provides EMV- and PCI-compliant payment devices with integrated PIN pad, magnetic stripe, BLE and contactless card reader that supports Apple Pay, Samsung Pay and Android Pay.

scorecard



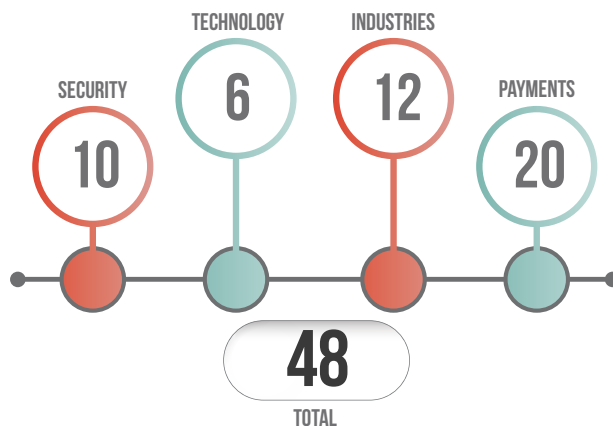
Company: CDS Worldwide Pty Ltd
Founded in: 1990
Headquarters: Australia



DS Worldwide manufactures, designs and develops parking solutions. The company's offerings include solar-powered parking meters, on-street kiosks and Parki, a mobile app for parking. CDS Worldwide also provides off-street car parking solutions integrated with license plate recognition.



Company: Coinco
Founded in: 1958
Headquarters: U.S. and U.K.

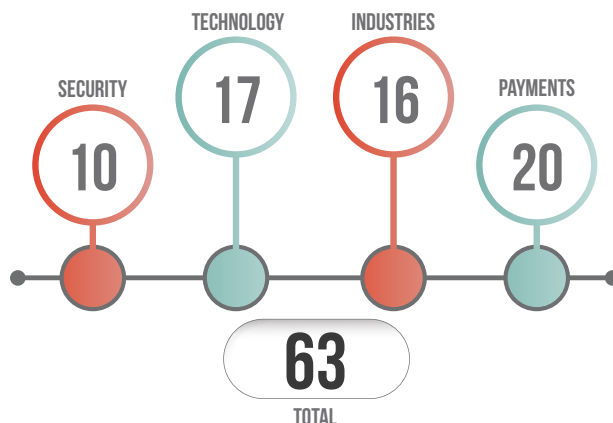


Coinco is a provider of bill and coin handling equipment as well as cashless and telemetry options for the automatic point of sale industry. Coinco main products are coin charges, card readers and bill acceptors. Coinco card readers are PCI compliant and accept cash, credit, debit, coupons, mobile wallets and campus cards. Coinco's solutions are tailored for the vending, kiosks and amusement industries.

scorecard



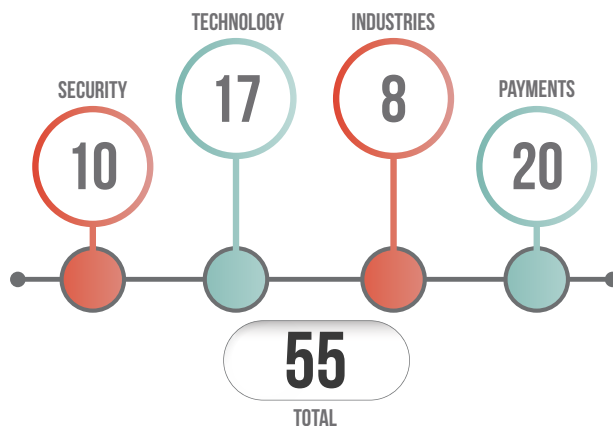
Company: Crane Payments Innovations
Founded in: 2013
Headquarters: U.S.



Crane Payments Innovations provides money-handling solutions, including a range of bill and coin validators and recyclers, coin hoppers and dispensers, cashless payment terminals, and asset management software. Supported payment technologies include EMV, contactless cards and magnetic stripe. CPI's solutions are aimed at the financial services, gaming, retail, transportation and vending markets. The company offers highly secured solutions with PCI certification.



Company: Creditcall
Founded in: 1997
Headquarters: U.K.

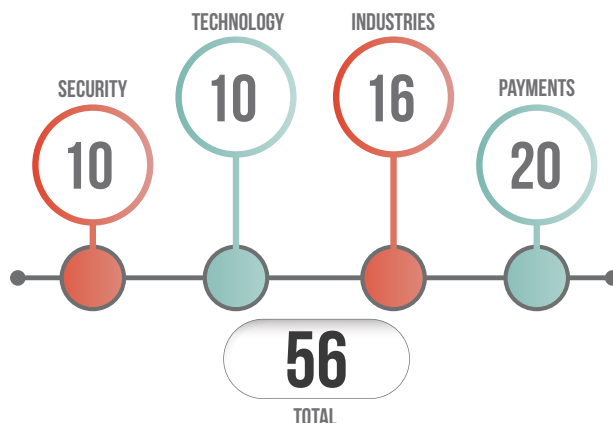


Creditcall is a payment acceptance solutions developer for attended, unattended, online or mobile retail. The company offers different types of solutions designed for industries such as retail, hospitality, parking and transportation. Creditcall's self-service solution offers EMV chip card acceptance and enables merchants to get finance and management reports. Creditcall is a validated PCI DSS Level 1 Service Provider and protects customers' data with Point to Point Encryption.

scorecard



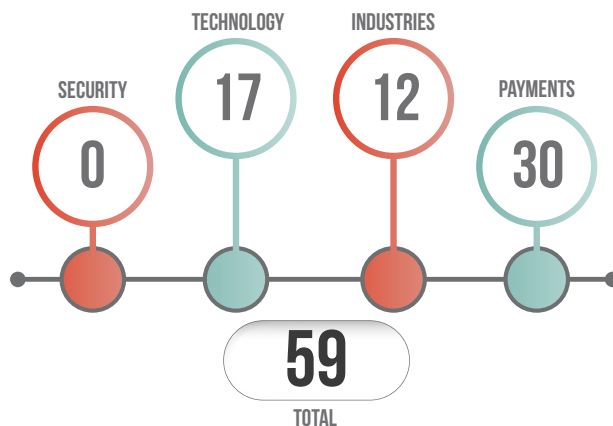
Company: CSA
Founded in: 1998
Headquarters: U.S.



CSA is a technical service and professional solutions provider specializing in the self-service, critical power, laboratory and healthcare technology sectors. Its self-service products can be used in applications like bill payment, ticketing, ordering and payment.



Company: Cybernet
Founded in: 1998
Headquarters: Korea

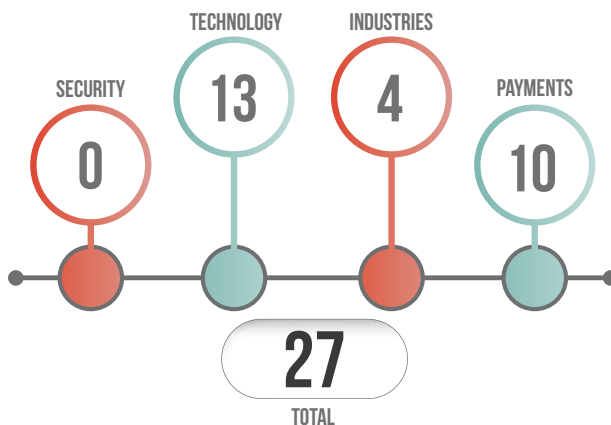


Cybernet is a provider of electronic payment solutions that designs, develops and manufactures electronic payment terminals, peripherals and applications for m-commerce, eCommerce, smart cards and traditional payments. Its unattended terminals accept multiple payment methods including cash, credit cards and debit cards and are able to support magnetic stripe and EMV cards, smart cards and NFC contactless payments with full P2P functionality. Cybernet delivers its payment solutions to vending and ticketing machines, petrol stations, and the parking industry.

scorecard



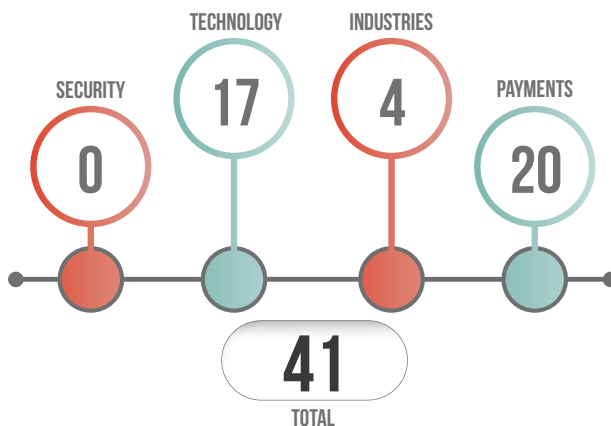
Company: Dallas Star Vending
Founded in: 2004
Headquarters: U.S.



Dallas Star Vending is full-service vending and office coffee service provider. Its offerings are equipped to accept various payment methods, including both cash and cashless options.



Company: deORO
Founded in: N/A
Headquarters: U.S.

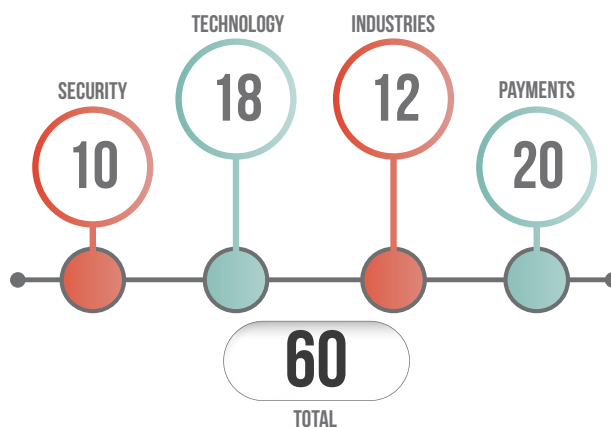


deORO markets is a developer of micro market kiosk solutions. The company's kiosks offer several features, including the ability to pay using EMV and NFC methods. Data is stored locally and backed up to the company servers on a regular basis, allowing the software to run even without an internet connection.

scorecard



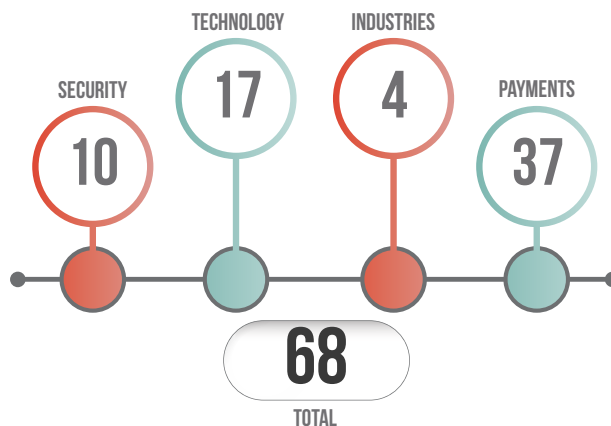
Company: Diebold-Cryptera
Founded in: 1983
Headquarters: Denmark



Diebold-Cryptera is a payments solution provider and OEM supplier. Its solutions include CryptoTouch, which enables secure PIN entry on a touchscreen, encrypting PIN pads, unattended payment OEM customized products and remote key loading. Diebold-Cryptera's solutions are supported by EMV and NFC technologies and are designed for use throughout the banking and ATM, drive-thru and QSR, parking, retail self-checkout, ticketing, gas stations, gaming and vehicle charger industries. The firm features PCI security standards.



Company: Drink Command
Founded in: 2014
Headquarters: Ireland

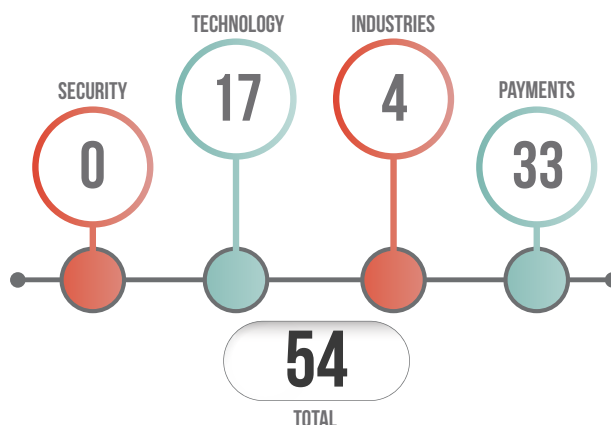


Drink Command is a developer of self-serve beer systems. Its range of products provides different capabilities and payment methods, including contactless, chip and PIN cards and mobile wallets like Apple Pay and Android Pay.

scorecard



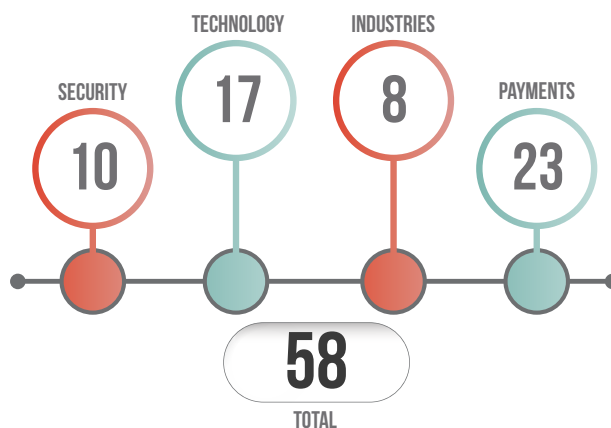
Company: EazyCoin™
Founded in: N/A
Headquarters: U.S.



EazyCoin is a cashless payment solutions provider for vending machines. The solution allows vending machine owners to manage sales and inventory reports, and to improve customers' experiences. EazyCoin also allows consumers to purchase and interact with vending machines easily through their smartphones. Vending machines are equipped with an intelligent controller that communicates with the smartphone using Bluetooth technology. The smartphone in turn communicates with EazyCoin's servers via Wi-Fi or cellular network using highly secure encryption software to protect a customer's information. The Eazy Storage Account can be funded with multiple sources of payments like debit, credit, PayPal and even gift cards.



Company: ECRS
Founded in: 1989
Headquarters: U.S.

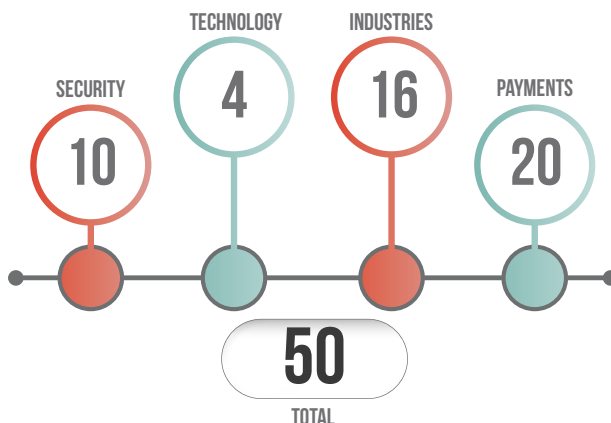


ECRS is a retail solutions developer. The company's products range includes front-of-store systems including point of sale and self-checkout, as well as back office, warehouse, inventory and supply chain automation solutions.

scorecard



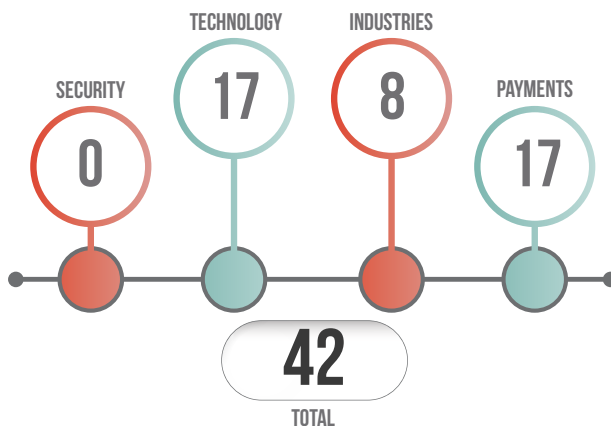
Company: Electronic Payment Exchange
Founded in: 1979
Headquarters: U.S.



Electronic Payment Exchange provides tokenization and end-to-end encryption payment solutions for both the attended and unattended retail markets. EPX’s solutions include a fully integrated payment technology that allows merchants to process payments at the point of sale or online via EMV cards, credit and debit cards and electronic checks. In addition, EPX solutions allow merchants to outsource PCI compliance to a third-party provider. The company serves the unattended kiosks, vending machines, gas station, quick-service restaurants, automotive and other self-service markets.



Company: e-Nabler
Founded in: 2001
Headquarters: U.S.

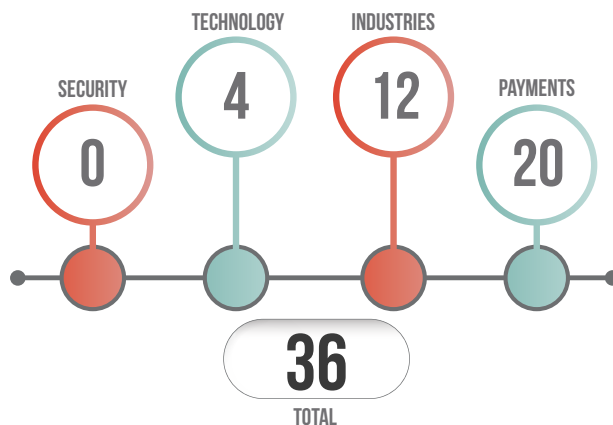


e-Nabler develops a range of point-of-sale (POS) devices under the brand name eMobilePOS. The company offers an iPad Kiosk POS, a self-service checkout tool, which allows customers to place orders, select add-ons and modifiers, apply coupons, and earn and redeem rewards. The device accepts EMV chip-enabled debit and credit cards and allows for NFC-enabled payments such as Apple Pay and Google Wallet.

scorecard



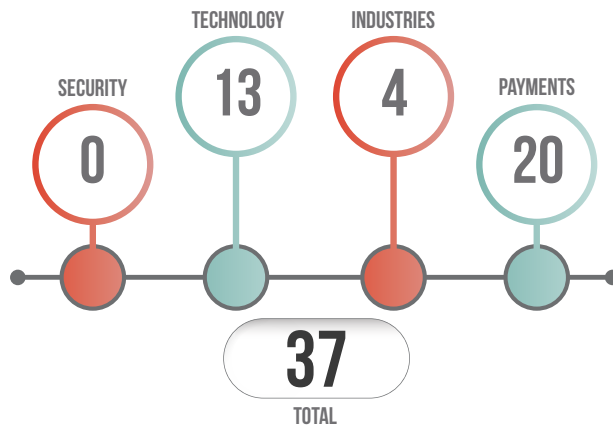
Company: Enzosystems
Founded in: 1991
Headquarters: Netherlands.



Enzosystems is a kiosk solution provider. Its products can accept debit and credit cards and be used in environments like public transport, hotels, shops, events and parking lots.



Company: En Punto
Founded in: 2016
Headquarters: Argentina

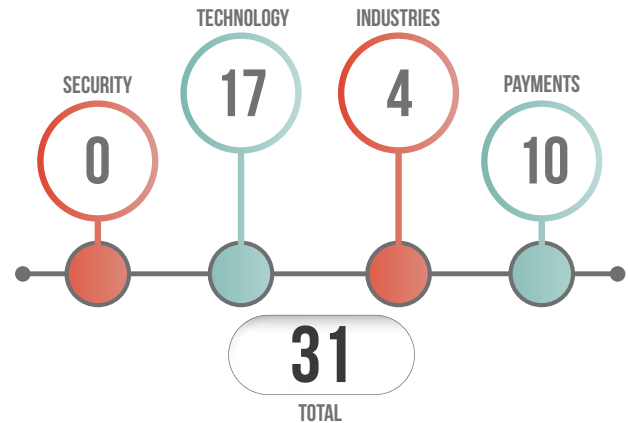


En Punto's touchscreen-enabled vending machines offer healthy food and drink items for employees, including beverages, salads and snacks. They accept credit and debit card payments.

scorecard



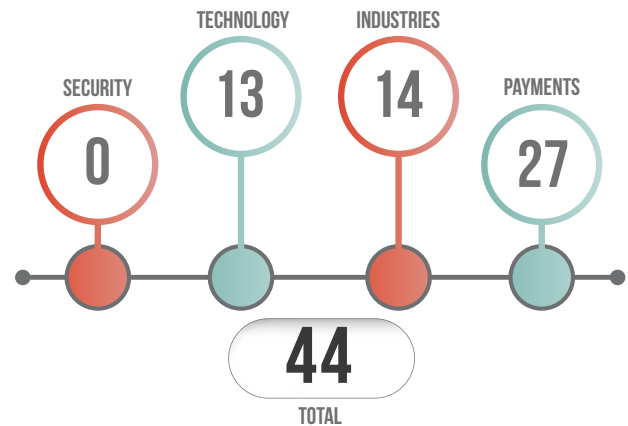
Company: Excel Vending
Founded in: 1993
Headquarters: Scotland



Excel Vending supplies coffee, snack and cold drink solutions to various organizations throughout the U.K. The company offers products ranging from small coffee dispensers for boardrooms to sophisticated vending machines for large, busy spaces.



Company: Farmer's Fridge
Founded in: N/A
Headquarters: U.S.

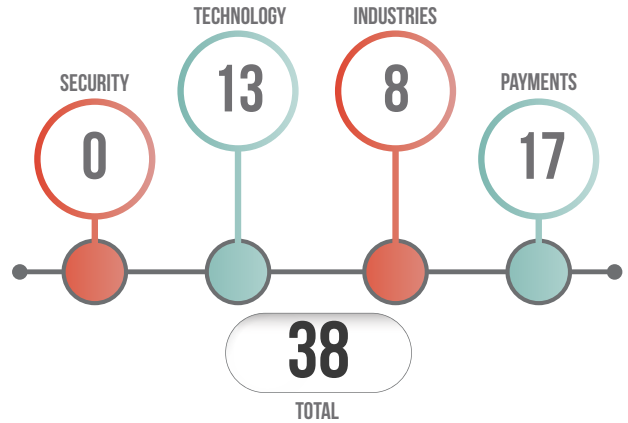


Farmer's Fridge provides healthy vending machines that offer ready-made salads and work in conjunction with a mobile app that enables customers to order in advance and pay with several payment options.

scorecard



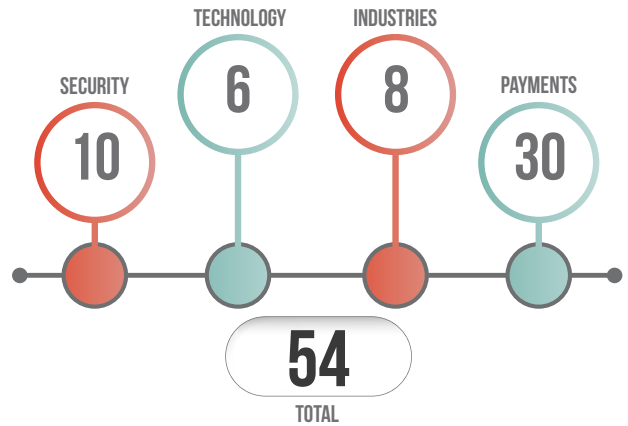
Company: Fastcorp
Founded in: 2005
Headquarters: U.S.



Fastcorp manufactures robotic vending equipment, including refrigerated options. The company's technology solutions feature interactive touch screens and cashless payment systems that can accept Apple Pay and Google Pay.



Company: Florida Fresh Vending
Founded in: N/A
Headquarters: U.S.

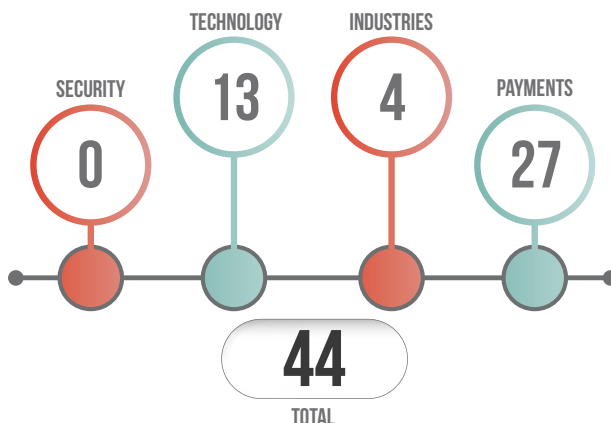


Florida Fresh Vending is a vending services and micro markets solutions provider. The company's products can accept cashless payments though credit and debit card readers, and allow for remote monitoring of sales.

scorecard



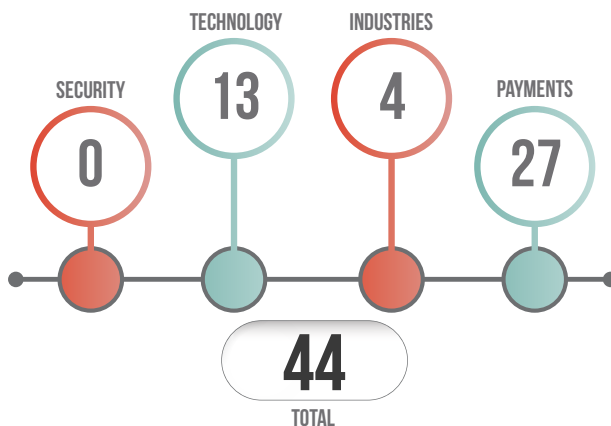
Company: Fresh Healthy Vending
Founded in: 2010
Headquarters: U.S.



Fresh Healthy Vending is a vending machine and micro-market firm specializing in healthy alternatives to traditional vending machine snack foods and beverages. The micro markets and vending machines are unstaffed retail health food stores, placed in environments such as schools, workplaces, hospitals and medical facilities. The devices offer remote wireless sales monitoring and accept many payments options including: credit and debit cards, cash and coin, and mobile wallets.



Company: Reis & Irvy's Froyo Robots
Founded in: 2016
Headquarters: U.S.

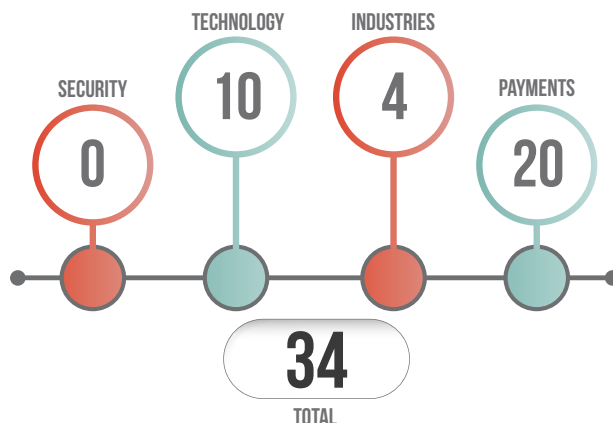


Reis & Irvy's offers customizable frozen yogurt vending machines that provide instant desserts via robotic technology. The machines support credit card and digital wallet payment options.

scorecard



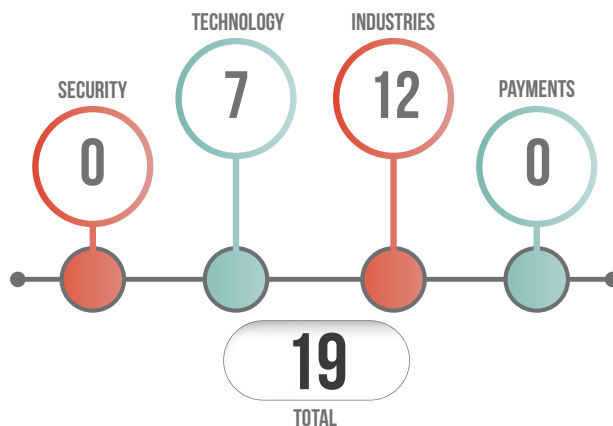
Company: Fujitsu
Founded in: 1935
Headquarters: Japan



Fujitsu is a provider of information technology and communications solutions. Among a range of solutions, the firm has developed a self-checkout solution for the retail industry. Fujitsu self-service checkout solutions accept standard cash, cashless options as well as magnetic stripe and chip cards.



Company: Gantner Technologies
Founded in: 1982
Headquarters: Austria

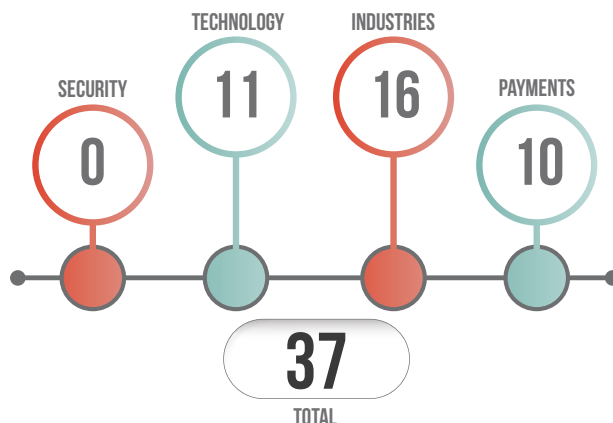


Gantner Technologies is a manufacturer of contactless NFC access control, electronic locking and cashless payment applications for the leisure industry. The firm offers systems specially designed for fitness clubs, attraction and water parks, public pools and spas, ski resorts, commercial applications, vending machines, as well as educational and health care institutions. Its cashless payment solution uses NFC technology and enables customers to purchase goods and services with credentials and pay without cash or cards.

scorecard



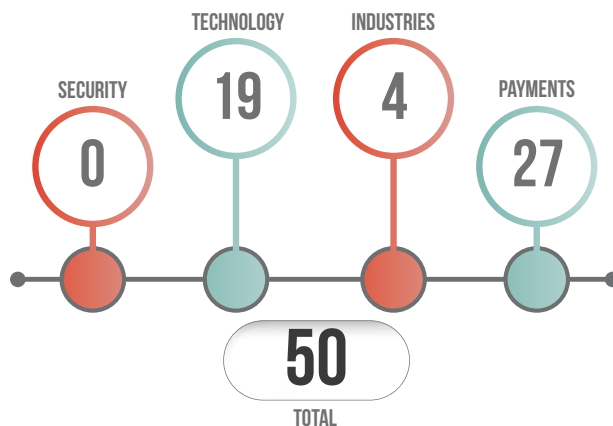
Company: Gemini 2000
Founded in: 1997
Headquarters: U.K.



Gemini 2000 develops a range of NFC-, EMV- and ITSO-compliant smart card readers; IP/Ethernet network readers; handheld smart card devices; and OEM products. The company's products power smart ticketing, secure cashless and contactless payments, access control, and an attendance system.



Company: Grow Healthy Vending
Founded in: 2011
Headquarters: U.S.

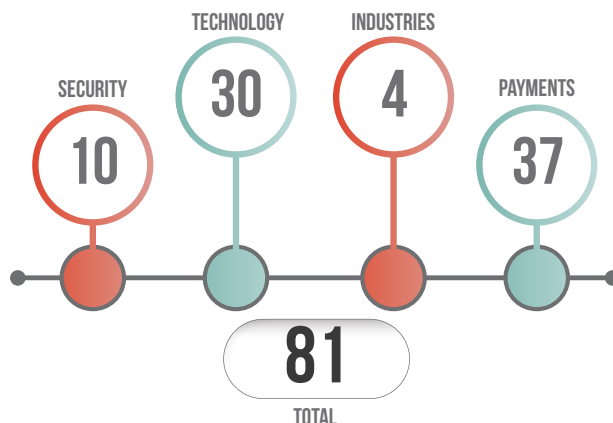


Grow Healthy Vending combines healthy and traditional vending products with vending machine and micro markets technology. Customers buying at their unattended services can either pay at in-market tablets or they can checkout using their smartphones. Vending machines are equipped to accept cash, credit and debit cards, mobile wallets such as Apple Pay and Google Pay. The firm also offers loyalty/rewards programs and real-time inventory management tools.

scorecard

Heartland

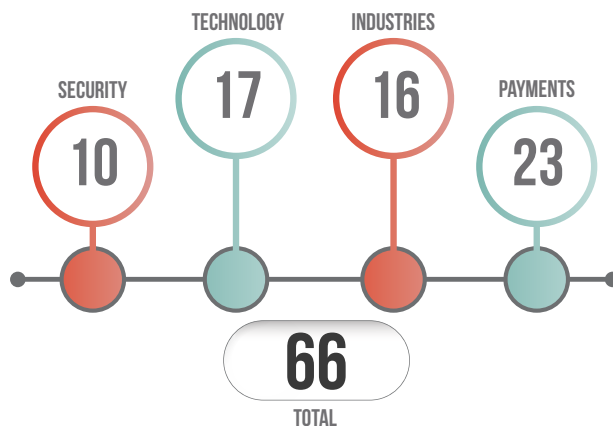
Company: Heartland
Founded in: 2006
Headquarters: U.S.



Heartland MicroPayments, a division of Global Payments, is a provider of cashless payment solutions in the small ticket unattended space. The company designs, manufactures, develops, sells and supports unattended devices.



Company: Hemisphere West Europe Ltd.
Founded in: 2004
Headquarters: U.K.

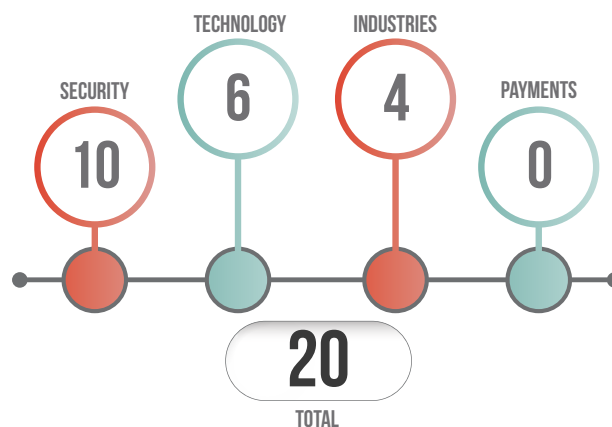


Hemisphere West Europe Ltd (HWE) is a provider of attended and unattended payment products. HWE offers a complete solution of payments acceptance hardware and payment gateway for the kiosk, amusement, car parking and vending industries. The company enables customer to process many payment technologies including NF, EMV, magnetic stripe, bank notes and coins. HWE devices fulfill the PCI security standards.

scorecard



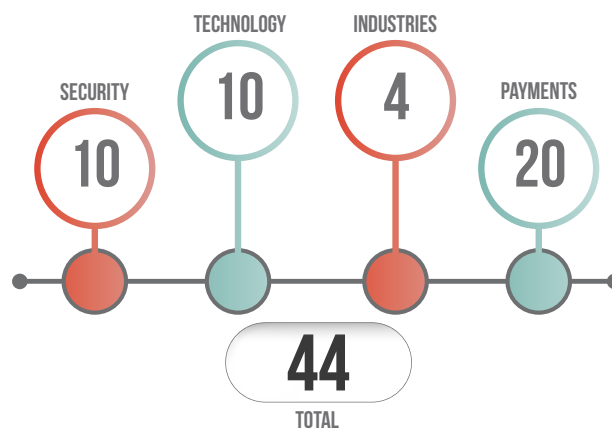
Company: HopOn
Founded in: 2013
Headquarters: Israel



HopOn develops mobile ticketing solutions for public transportation. The company offers a patent-pending Beacon system which transmits information over ultrasonic sound waves to passenger phones. The system also allows for multiple simultaneous validations.



Company: Hub Parking Technology
Founded in: 1965
Headquarters: Italy



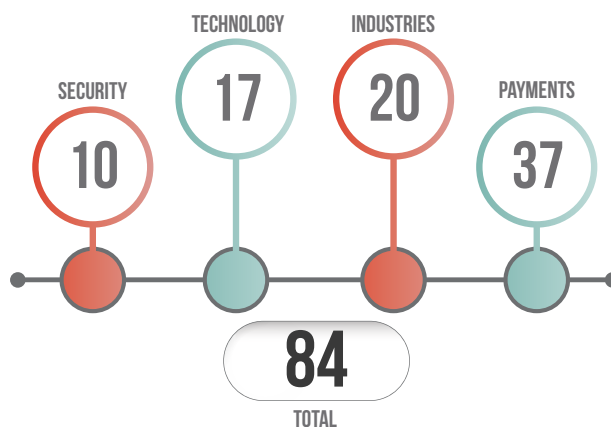
Hub Parking Technology is a parking solutions provider, offering PCI-DSS compliant software and hardware platforms for parking located in universities, hospitals, hotels, airports, shopping centers, municipalities and more. The company provides multiple solutions, ranging from a simple carpark with one entry station and exit station, each with a barrier and a standard pay station, to complex systems incorporating contract parking, credit card in/out parking, prepaid parking online, license plate recognition or a combination of these. Its self-serve cashless payment stations accept a wide range of payment methods, including coins, bills/ bank notes, credit card, debit card, value or city cards or electronic purse, and read magnetic credit cards, chip and PIN.

scorecard

IDTECH[®]

Value through Innovation

Company: ID TECH
Founded in: 1985
Headquarters: U.S.



ID TECH designs and manufactures automatic identification products and components, including magstripe, smart and contactless card reader/writers, barcode readers, CCD scanners, POS keyboards, and secure PIN entry products.



Company: Image Holders
Founded in: 1996
Headquarters: U.K.

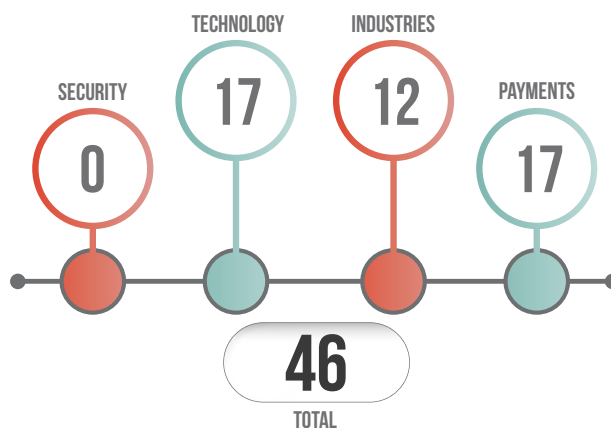
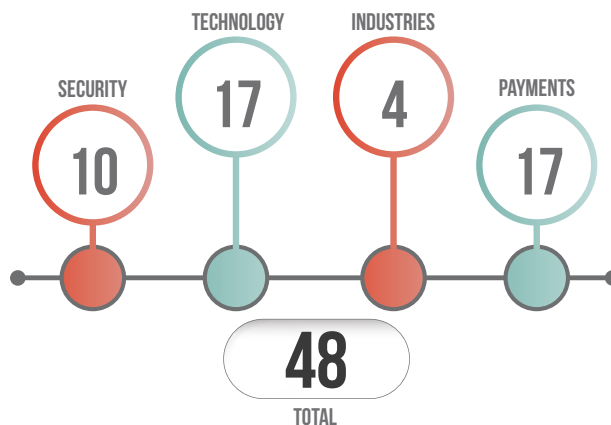


Image Holders is a tablet and iPad kiosk designer/manufacturer. The company develops self-service tablet kiosks that can accept payment via credit card, debit card and NFC/RFID contactless payments, among others.

scorecard



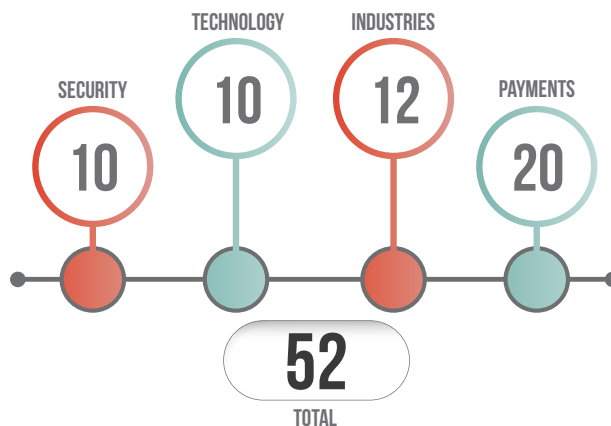
Company: Impulsify
Founded in: 2013
Headquarters: United States



Impulsify is a retail technology company providing self-pay grab-and-go kiosks. The company's offerings feature room charge functions and the ability to accept payment in various forms – including EMV chip reading, magstripe and mobile wallets like Apple Pay and Android Pay, among others. Impulsify also provides front-office point-of-sale (POS) and back-office inventory solutions.



Company: Innova
Founded in: 1999
Headquarters: Turkey

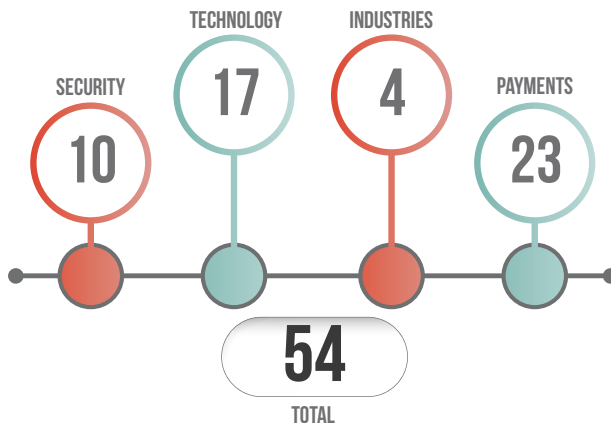


Innova develops self-service retail solutions. Its offerings include kiosks, software and hardware designed to serve hospitality, tax collection, airports, health facilities, retail and cinemas, among other industries.

scorecard



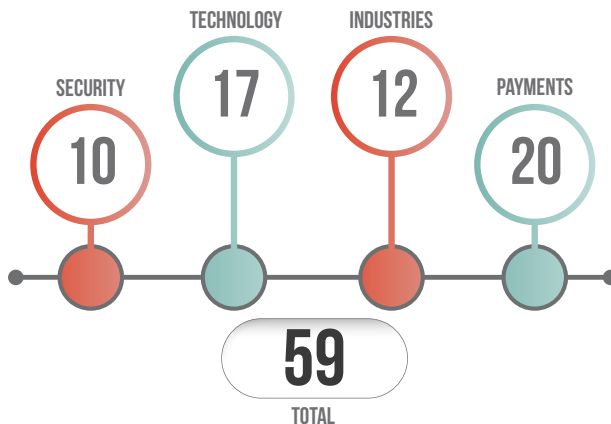
Company: Innovative Vending Solutions
Founded in: 2008
Headquarters: U.S.



Innovative Vending Solutions (IVS) manufactures non-traditional vending and automated retail systems that can be featured in areas such as airports, casinos, malls and college campuses. IVS machines accept several different methods of payment, including cash, coin, credit and debit cards, gift cards, student ID badges, and employee ID badges. The company supports magnetic stripe and chip cards and NFC technology and is PCI-compliant.



Company: Invenco
Founded in: 2009
Headquarters: New Zealand

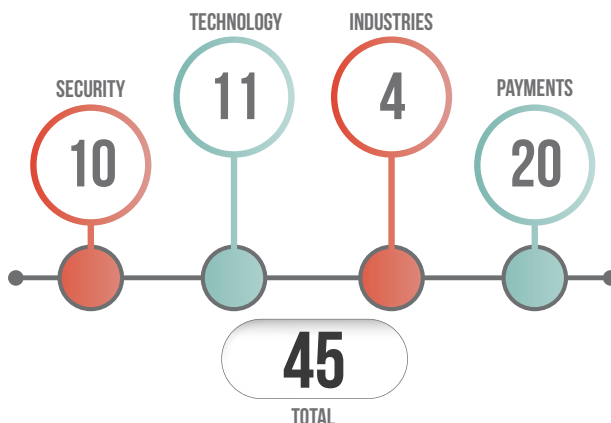


Invenco provides self-service payment solutions to the retail oil and self-service industries, including QSRs and vending. Among other products, the company develops outdoor payment terminals, electronic payment servers, payment switches and cloud services. Invenco's payments solutions accept EMV, magnetic stripe, smart card capability, NFC contactless (including mobile phones), barcode reading and mobile wallet payments and are PCI-compliant.

scorecard



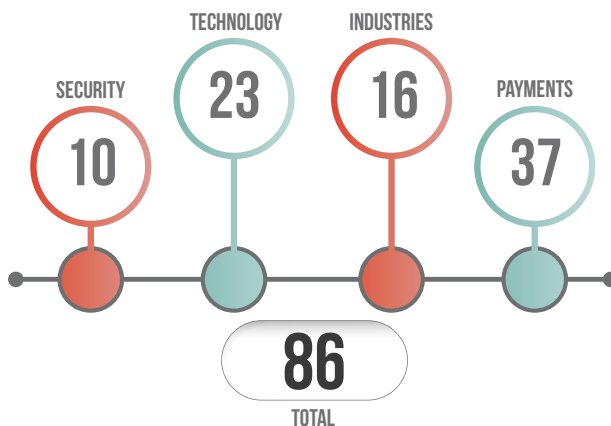
Company: IPS Group
Founded in: 1994
Headquarters: U.S.



IPS Group is a design, engineering and manufacturing company focused on low-power wireless telecommunications, payment processing systems, parking technologies and subscription-as-a-service management software. IPS offers a parking solution, including multispace pay stations, pay station retrofit kits, vehicle detection sensors, smart cash collection and a web-based data management system.



Company: iSelf-service.Ingenico
Founded in: 1980
Headquarters: France

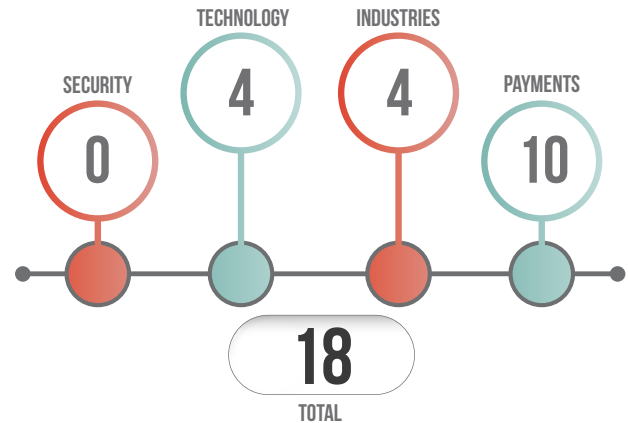


Ingenico offers iSelf-Service, unattended solutions that integrate cashless payments in the self-service market. The platform offers products ranging from unattended devices, secure operating technology and a complete service management system. Supported payment technologies include NFC and mobile wallets such as Apple Pay and Android Pay, Bluetooth (BLE), smart cards and EMV and magnetic stripe cards. Ingenico's iSelf-Service solutions cover the retail, hospitality, petrol, vending and transportation industries. The solutions offer PCI certification and compliancy with the latest contactless standards.

scorecard



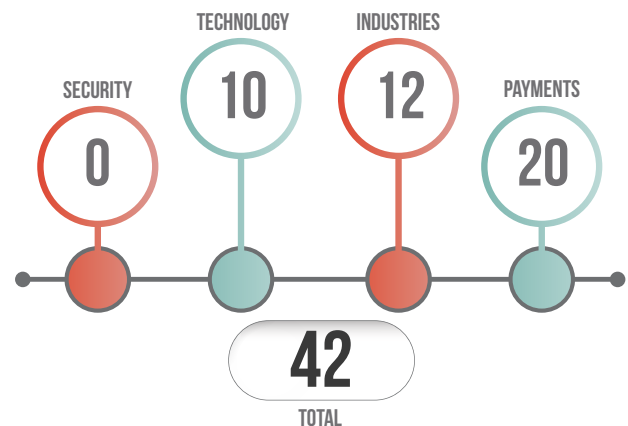
Company: JukeSlot
Founded in: 2012
Headquarters: U.S.



JukeSlot is a provider of restaurant POS system solutions, self-service tableside ordering technology and Tempo QSR Standalone kiosk-based POS offerings. In addition, the company produces iSlot products for casinos.



Company: KIOSK Information Systems
Founded in: 1993
Headquarters: U.S.

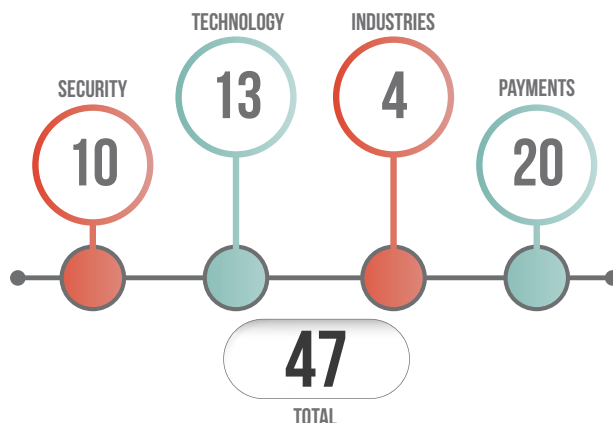


KIOSK Information Systems is a designer and manufacturer of self-service and kiosk solutions. The firm's solutions have been developed for industries including retail, security, healthcare, human resources, remote retail, bill payment, vending, financial, lockers, government, ticketing and check-in, and gaming. KIOSK offers various standard kiosks enabled to support magnetic stripe and chip card payments as well as smart cards and cash.

scorecard



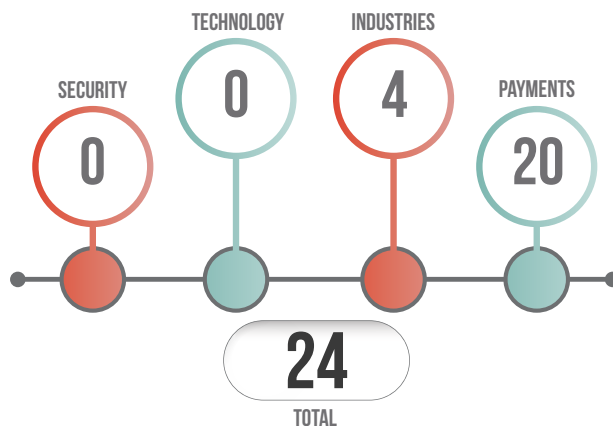
Company: Klever Logic
Founded in: 2011
Headquarters: U.S.



Klever Logic provides customers and parking operators with a suite of technology products for the connected driver. The company offers parking operators a cloud-based Software-as-a-Service that allows mobile and desktop access to real-time data and enables them to monitor and control revenue from anywhere. Klever Logic allows consumers to request their car and pay right from their mobile phone, giving them a more user friendly and innovative experience. Supported payment technologies include cash, credit cards, check and front desk. Klever Logic's app meets the requirements to achieve compliance as a PCI-DSS Level 1 Service Provider.



Company: Lane Jumper
Founded in: N/A
Headquarters: U.S.

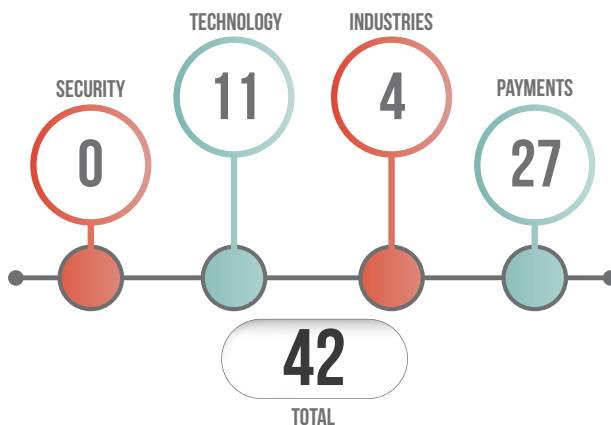


Lane Jumper is a self-checkout mobile payment and product management system that offers operators and retailers a self-branded mobile product scan-and-go option. By using an iPhone or Android mobile payment application, users can make purchases at the micro-markets by scanning the items they want to buy. The system also offers a market management system that allows owners to manage and track markets, and product and user performance.

scorecard



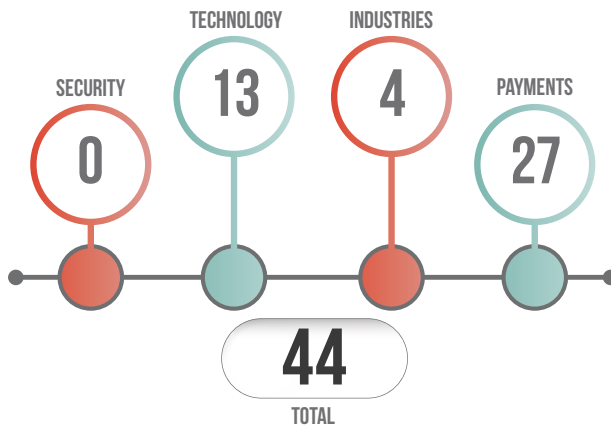
Company: LocoMobi Inc.
Founded in: 2010
Headquarters: Canada



LocoMobi Inc. provides unified physical, mobile and cloud-based parking technology. The company's products include parking meters, kiosks, gated systems, transit and tolling systems, cloud technology and license plate recognition, among others.



Company: Loyal Vending
Founded in: N/A
Headquarters: U.S.

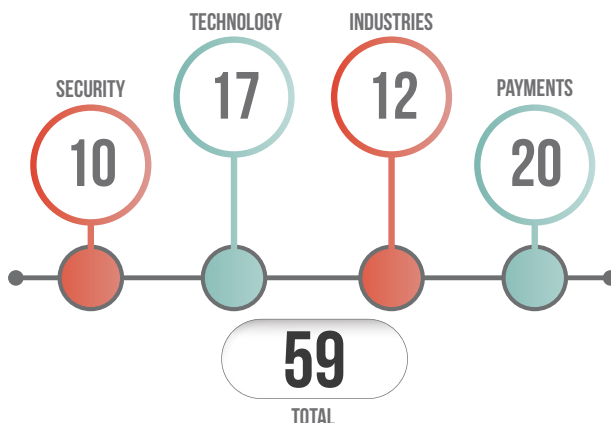


Loyal Vending is a vending machine service company. It installs vending machines, routinely stocks them and handles both service and management.

scorecard



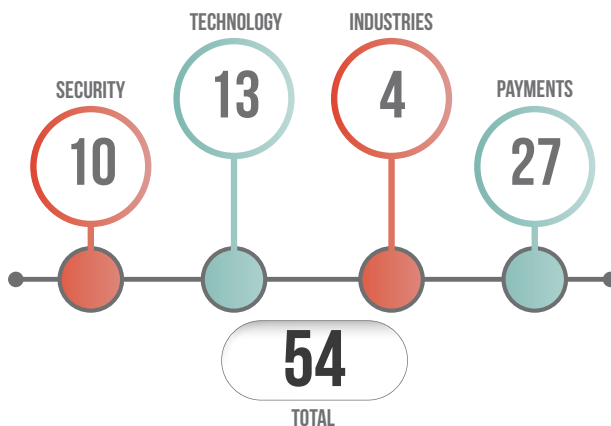
Company: MagTek
Founded in: 1972
Headquarters: U.S.



MagTek is a manufacturer of magnetic card and smart card readers for unattended terminals such as kiosks, vending machines and ticketing machines, among others.



Company: Mark Vend Company
Founded in: 1962
Headquarters: U.S.

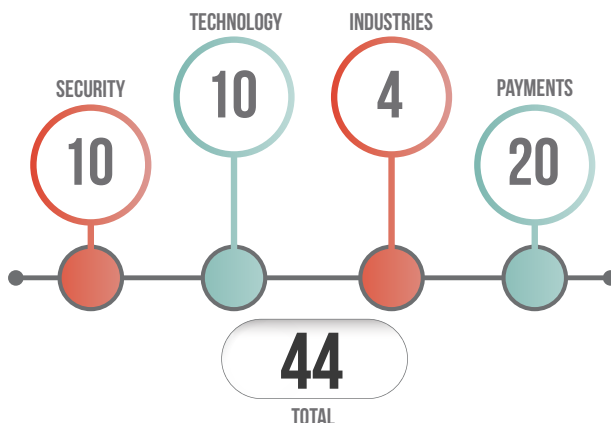


Mark Vend Company is a food and beverage vending services provider. The company provides unattended retail services in the form of vending, coffee and beverage machines, micro markets and cashless pantries.

scorecard



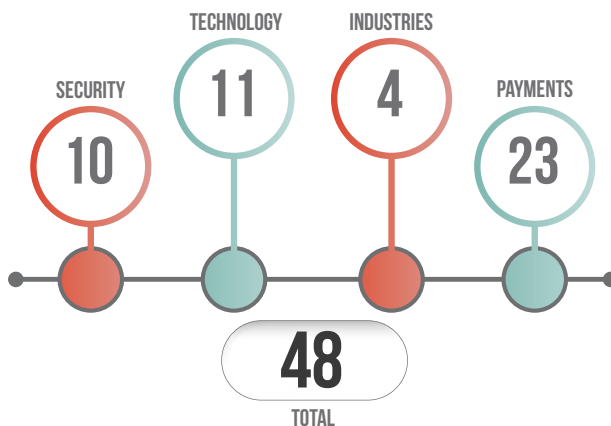
Company: Materna GmbH
Founded in: 1980
Headquarters: Germany



Materna develops solutions for airline companies and airports designed to simplify passenger processes. The firm offers solutions for check-in, bag drop, security and boarding, among other services. Materna's payment service provides a PCI-compliant payment system that can be used at check-in kiosks or self-service bag drop systems and supports chip and PIN technologies.



Company: MatiPay
Founded in: 2017
Headquarters: Italy

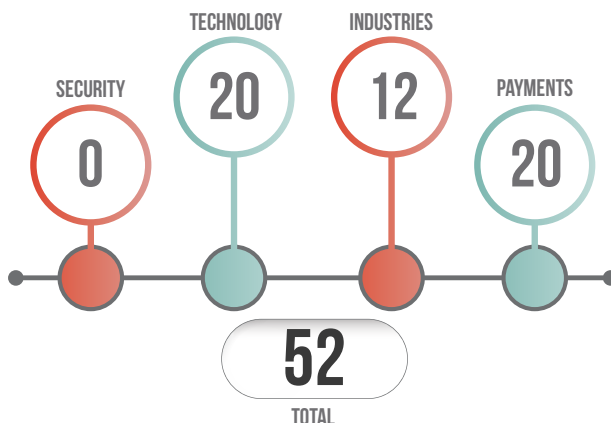


MatiPay is an innovative payment system providing a frictionless end-user experience. It creates an immediate connection between a vending machine and a smartphone app, including a virtual wallet that is rechargeable via cash dispenser, credit card or PayPal.

scorecard



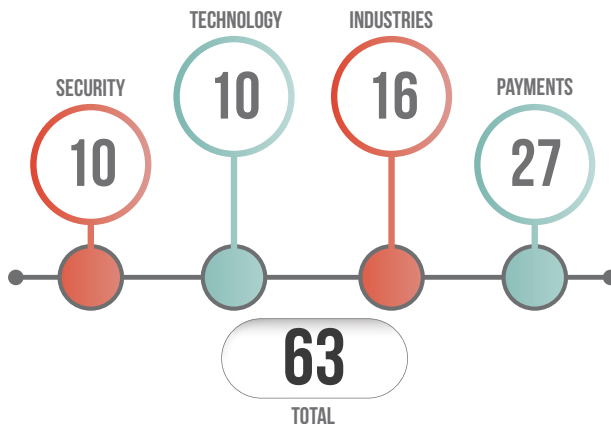
Company: Mecsel
Founded in: 1991
Headquarters: Finland



Mecsel develops automated payment devices and solutions for unattended payment environments such as vending machines, fueling, parking, car wash and gaming. Mecsel offers a payments app that allows customers to connect their smartphone to the vending machines by scanning a QR code or by connecting with NFC from a decal. The solution also offers vending machine audits, a back office system and vending machine statistics.



Company: Meridian Kiosks
Founded in: 1999
Headquarters: U.S.

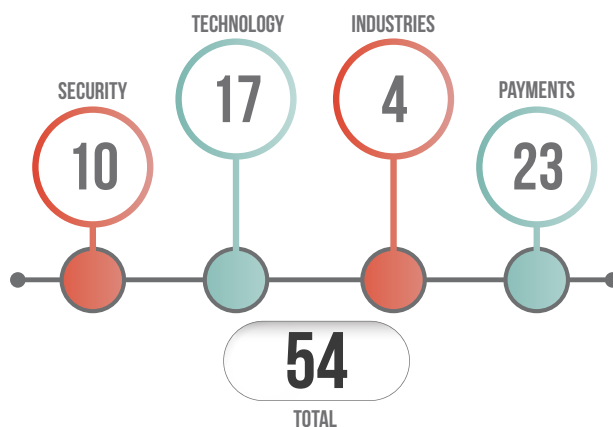


Meridian specializes in the design, engineering, fabrication, assembly, integration, staging, deployment and support of self-service kiosks.

scorecard



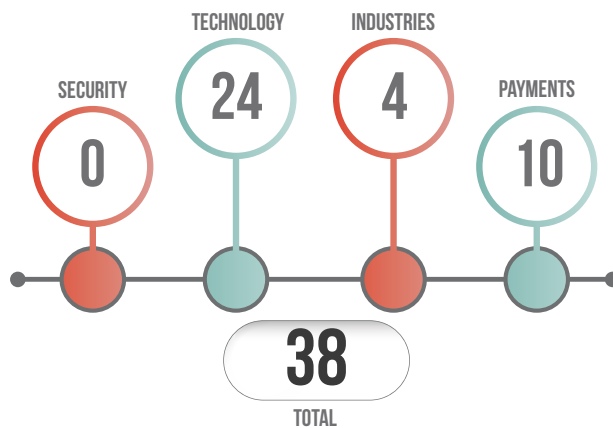
Company: Metric
Founded in: 1878
Headquarters: UK



METRIC Group Ltd is a manufacturer of ticketing solutions for the parking and public transport sectors. METRIC has developed multi-service payment terminals accepting from coins and bank notes, to chip & PIN credit and debit payments, contactless payments including Apple pay, smart cards and vouchers. The parking terminals also offer discounts and special parking rates among other tools. METRIC offers PCI data security standards.

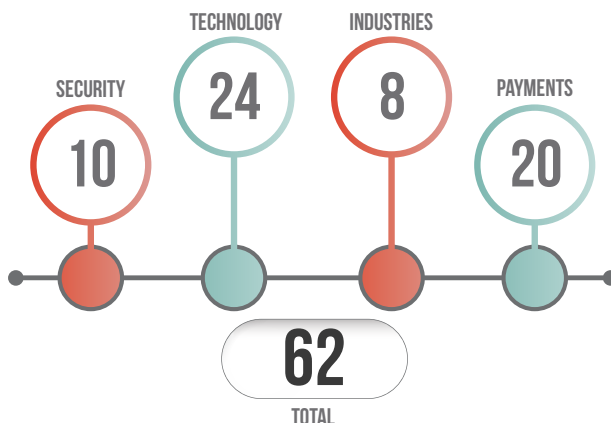


Company: MikroElektronika
Founded in: 1991
Headquarters: Czech Republic



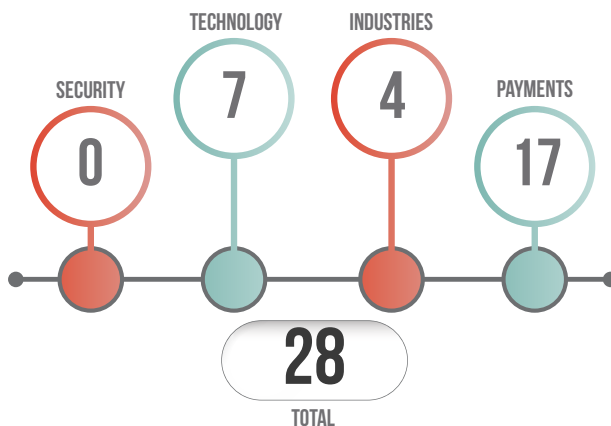
MikroElektronika develops unattended fare collection systems, including fare collection management software, contactless cards validators, ticket vending machines and ticket validators and processors.

scorecard



Company: Microtronic US
Founded in: 1984
Headquarters: U.S.

Microtronic is a cashless technology provider for the vending retail space. The company's solutions include prepaid systems for vending, marketing systems and the "e-vending" mobile application. The company supports magnetic stripe and chip cards, NFC, QR Code and SmartCard payment technologies. Microtronic products are PCI compliant.



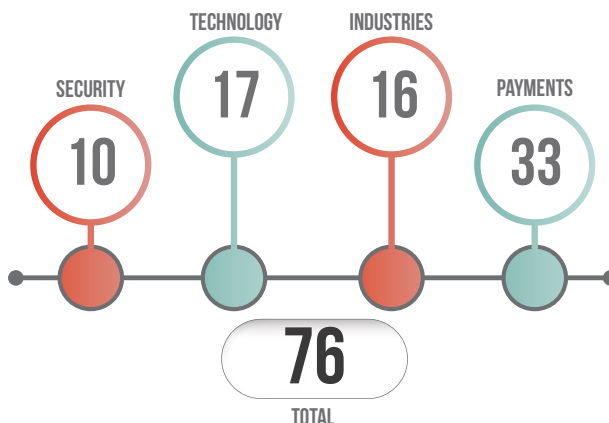
Company: Mr Lee's Noodles Company
Founded in: 2015
Headquarters: U.K.

Mr Lee's Noodles Company is a gluten-free instant noodles-in-a-cup brand. The company offers a Noodles Kiosk enabling customizable orders and accepting cashless payments, including Apple Pay, PayPal and NFC card.

scorecard



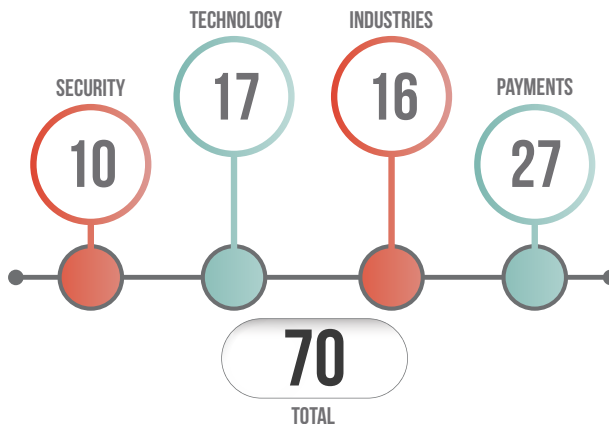
Company: Moneris
Founded in: 2000
Headquarters: Canada



Moneris is a provider of payment terminals as well as eCommerce, integrated payments and business management solutions for the parking, vending and retail industry. Moneris' solutions work with Verifone's line of unattended payment devices to enable its customers in the unattended retail market to securely accept payments with customizable and versatile hardware options. Supported payment technologies include EMV, PIN, magnetic stripe and contactless readers, loyalty transactions, private labels and Apple Pay. The company offers PCI data security standards.



Company: Monex Group
Founded in: 2001
Headquarters: Canada

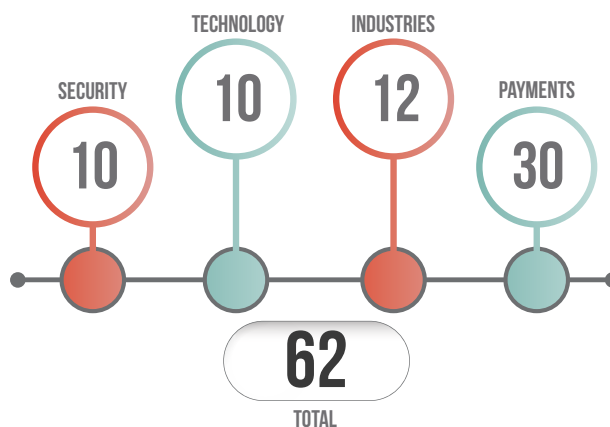


Monex Group offers vending payment solutions for carwash and gas stations, vending and coffee machines, parking, restaurants self-order kiosks, gaming and laundry facilities. The company has developed a complete vending solution that accepts contactless payments and supports credit and debit cards as well as mobile wallets such as Apple Pay and Android Pay, magnetic strip, chip & pin and smart cards. Monex payment systems are PCI compliant.

scorecard



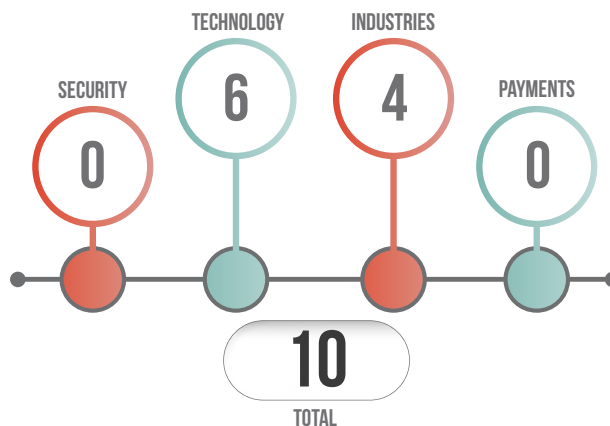
Company: MSC Payment Solutions
Founded in: 1980
Headquarters: Canada



MSC is a service and hardware provider of POS and payment solutions for the retail merchant, multi-store, parking and unattended kiosks markets. MSC solutions are PCI compliant and support magnetic stripe, PIN and EMV payments.



Company: N&W Global Vending
Founded in: 2000
Headquarters: Italy

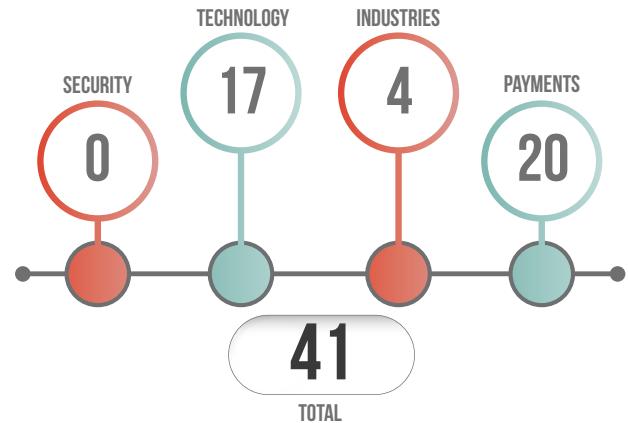


N & W Global Vending is a world leader in the market of drinks and snack vending machines and plays a key role in the HoRe.Ca (Hotels, Restaurants and Cafes) and office Coffee Service markets.

scorecard



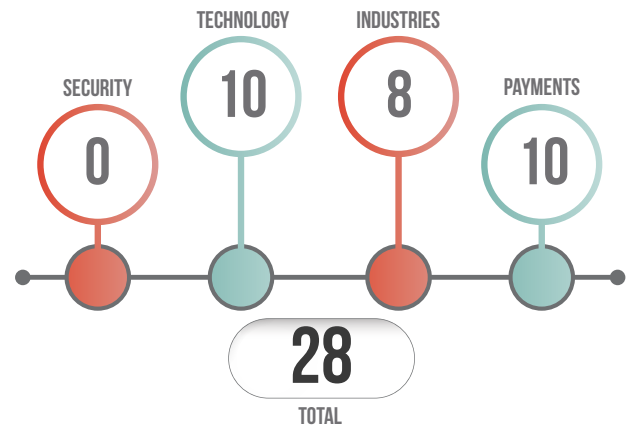
Company: NCR
Founded in: 1884
Headquarters: U.S.



NCR Corporation is a omnichannel solutions developer working across retail, financial, travel, hospitality, telecom and technology industries. The company develops self-service checkout and kiosks solutions for the retail industry that offer for POS integration and accept cash, credit cards or contactless payments.



Company: Olea Kiosks
Founded in: 1975
Headquarters: U.S.

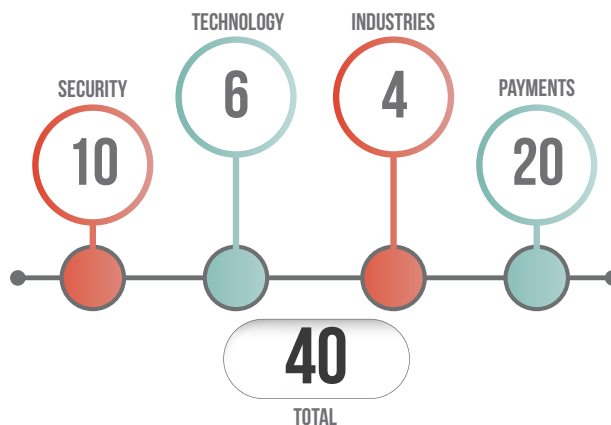


Olea's kiosk solutions can be used for check-in services, order entry, retail and ticketing services in industries such as healthcare and government.

scorecard



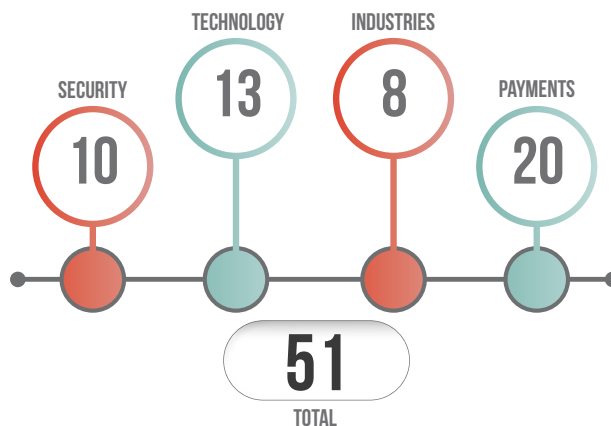
Company: One Step Vending Corp.
Founded in: 2004
Headquarters: U.S.



One Step Vending manufactures and services micro markets. The company's self-checkout solutions are payment card industry (PCI)-compliant and accept credit or debit card payments. One Stop Vending also provides software designed to report usage data.



Company: Orbose
Founded in: 2015
Headquarters: U.S.

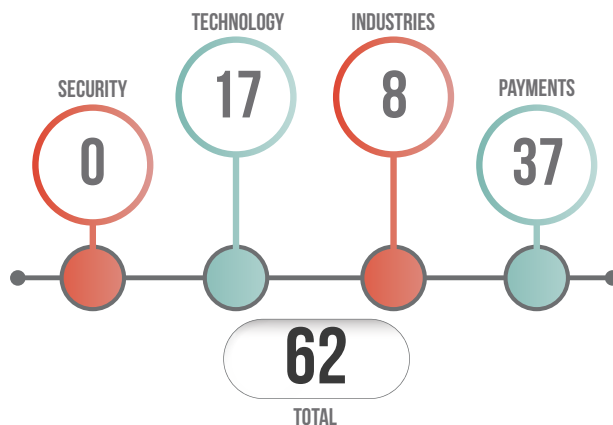


Orbose is a provider of end-to-end logistics and supply chain solutions for the mobile care and unattended retail industries. Orbose kiosks utilize API's third-party software platforms. The solution allows merchants to quickly sell food, clothing, memberships and more. Orbose enables businesses to customize branding, receive customers' online reviews through the integrated kiosk and sell products straight from kiosk with a MagTek credit card swipe or QR code synced to their custom branded mobile application. The solution is PCI compliant and encrypts all credit card data upon card swipe.

scorecard



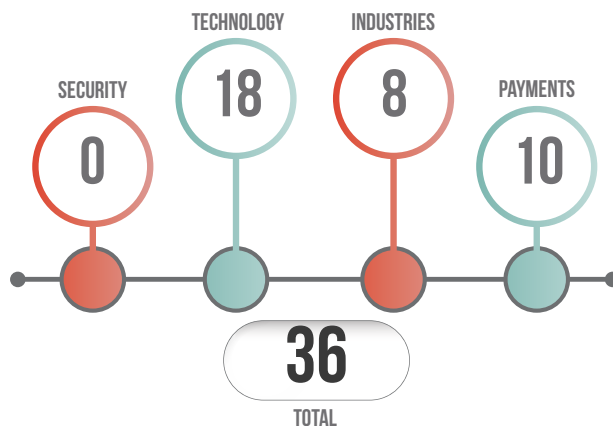
Company: oti Global
Founded in: 1990
Headquarters: Israel



oti is a developer of cutting-edge cashless payment solutions including near field communication products and solutions. oti's cashless credit card readers for vending provide an easy to integrate merchant services and solutions, allowing unattended-market operators to accept magnetic stripe credit cards, EMV chip cards, smart cards, NFC and mobile payments including Apple Pay and Android Pay. The solutions are designed for vending machines, kiosks, gas stations, car washes, air pumps and more.

PARKEON

Company: Parkeon
Founded in: 2003
Headquarters: France

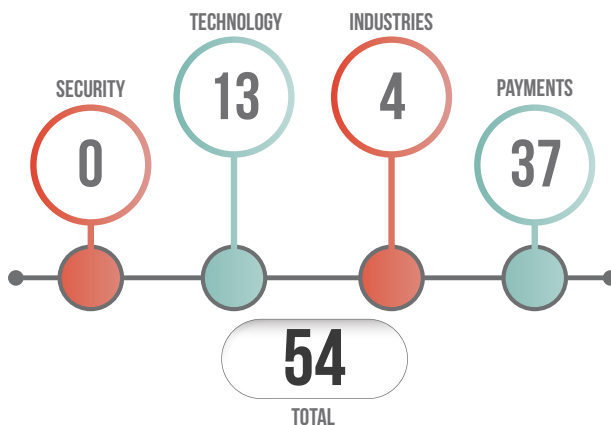


Parkeon is a developer of parking and transit systems. The company offers a range of solutions including multi-space parking meters, mobile phone payment, ticket vending machines, fare collection devices and fare validation.

scorecard



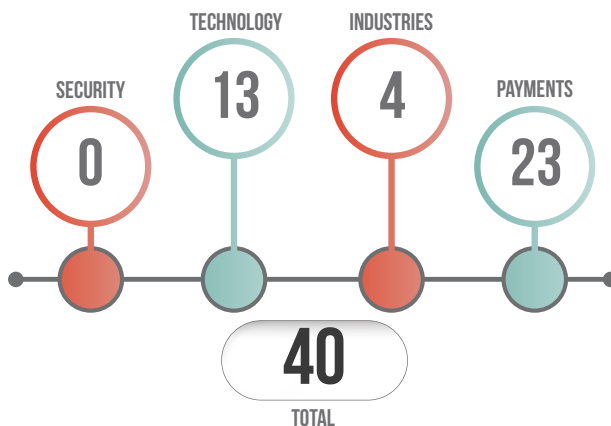
Company: ParLevel Systems
Founded in: 2012
Headquarters: U.S.



ParLevel Systems is a hardware and software developer that provides solutions to the vending machine industry. ParLevel offers a cloud-based vending management system that enables vending operators to get insight into their business by giving them control over operations. The system provides tools such as dynamic scheduling, prekitting, breakdown alerts, inventory management, and more. Furthermore, ParLevel accepts many payment options from credit, debit, prepaid, and campus cards to cashless payments including Apple Pay, Samsung Pay, and Android Pay.



Company: PayLab Networks Ltd.
Founded in: N/A
Headquarters: Canada

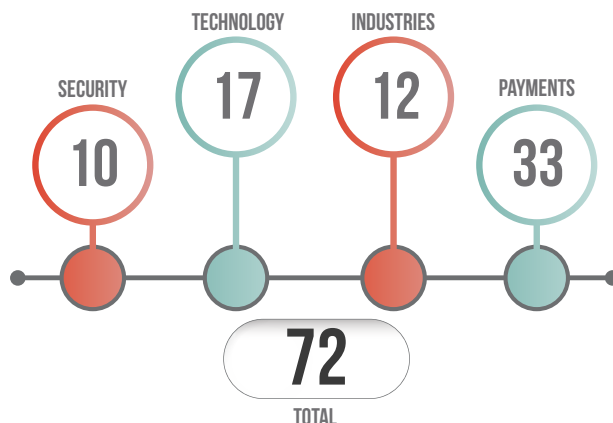


PayLab offers a POS device, along with micro-payment solutions, mobile applications and cloud-based management software for vending machine operators and other unattended retailers. The company gives vendors the ability to accept payment from consumers via their smartphone by NFC and card swipe technologies. Vendors can get real-time data that they can leverage to remotely monitor machines, track sales and inventory, create new marketing categories, track purchase history, manage a family account, locate a machine or product, check calories and nutrition information and set up parental controls.

scorecard



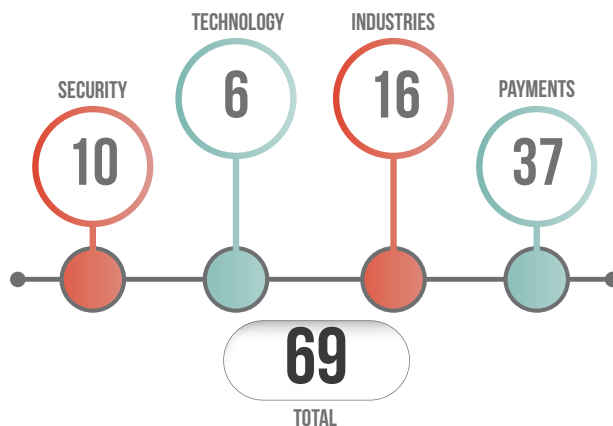
Company: Payment Express
Founded in: 1997
Headquarters: New Zealand



Payment Express is a payment technology service provider for the unattended retail market that offers a global end-to-end platform. Its product offerings range from a POS terminal to an unattended retail solution. It supports payment technologies include EMV, NFC, magnetic stripe and SmartCard, and its supported wallet is Apple Pay. The firm’s solutions are focused within the vending, eCommerce, parking, kiosk, fuel and OPT equipment industries. Payment Express is a Level 1 Service Provider and is compliant to PCI DSS Version 3.1 standard.



Company: PayRange
Founded in: 2013
Headquarters: U.S.

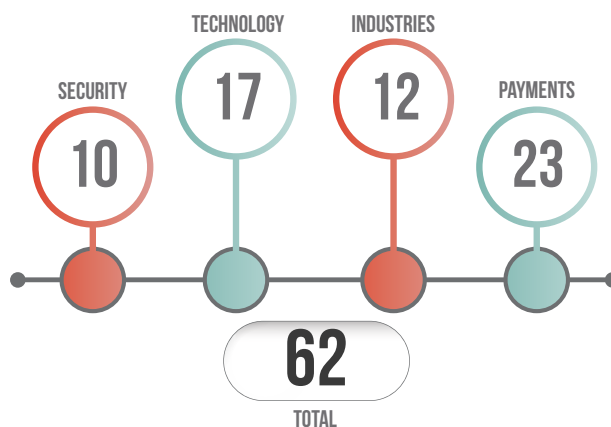


PayRange works as a mobile payment acceptance solution. The solution features a plug-and-play setup and supports a platform that includes hardware, free mobile application and back-end service to accept mobile payments including Android Pay and Apple Pay. Its supported payment technology is BLE. PayRange’s solutions serve the vending, parking, transit ticketing, laundry, amusement parks and other industries.

scorecard



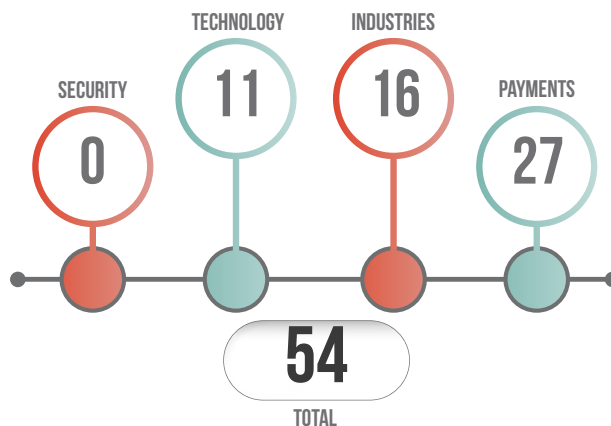
Company: PayTec AG
Founded in: 2004
Headquarters: Switzerland



PayTec AG is a payment processing manufacturer, offering a range of POS solutions enabled to accept from traditional credit and debit cards to contactless payments. For unattended point of sale, PayTec has developed space-saving terminals that can process payments without PIN entry and contactless payments. PayTec solutions have been designed for the demands of outdoor use (parking, petrol stations, ticketing, vending machines) as well as indoor use (vending machines and self-check-in, e.g. cinema box offices, theaters, swimming pools, ice rinks). The firm offers PCI and EMV certified solutions.

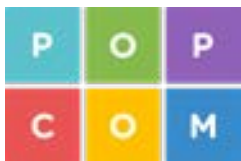


Company: Payter
Founded in: 2006
Headquarters: Netherlands

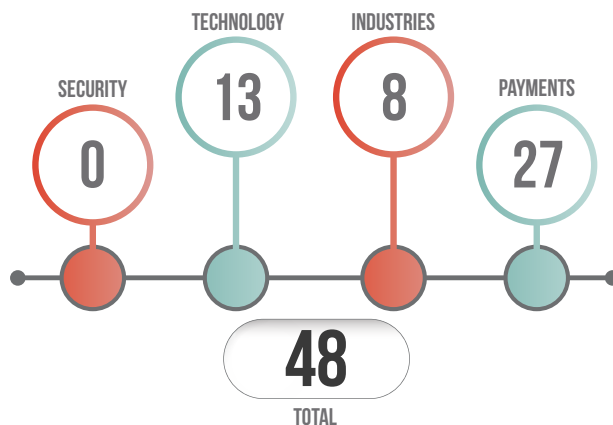


Payter provides a multifunctional payment terminal for contactless and mobile transactions at unattended points of sale such as food or soda vending machines, charging stations and parking machines. Payter terminals support debit and credit cards, chip cards, NFC, Apple Pay and Android Pay, as well as smart cards.

scorecard



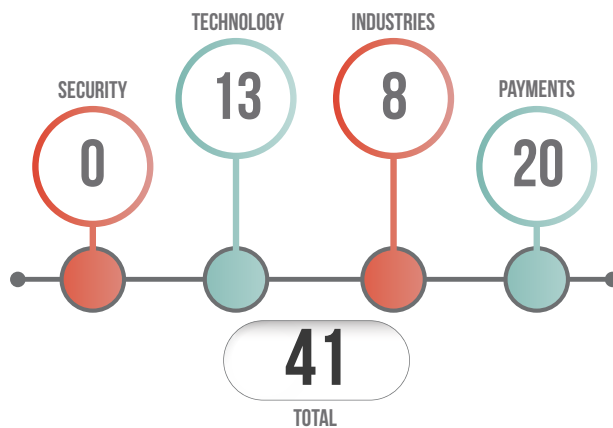
Company: PopCom
Founded in: N/A
Headquarters: U.S.



PopCom is a retail technology company that provides solutions for smart vending machines and digital kiosks. It also provides point-of-sale tracking and reports information that details machine performance and consumer insights.



Company: Pyramid
Founded in: 1997
Headquarters: Germany

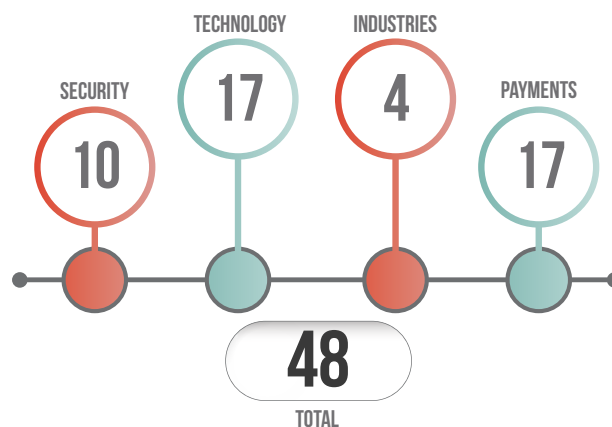


Pyramid Consulting provides various food chains with self-ordering kiosk solutions, along with other services. The kiosks can be customized and accept magnetic stripe, QR codes and additional payment options.

scorecard



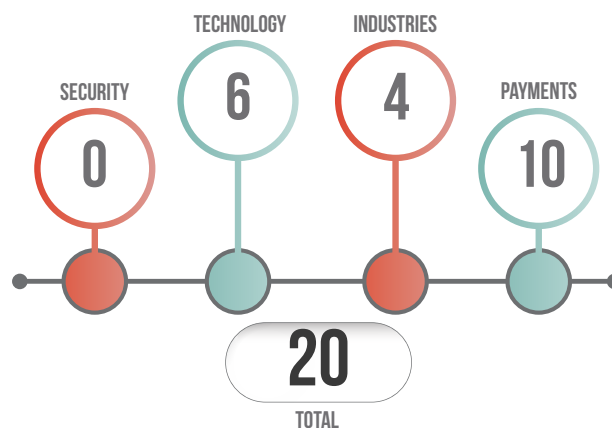
Company: QikServe
Founded in: 2011
Headquarters: U.K.



QikServe develops self-service solutions for the hospitality sector. The company's kiosk application is a payment card industry (PCI)-compliant solution integrated with an EMV-enabled terminal. It allows restaurant customers to order and pay with near field communication (NFC), magstripe, chip and PIN technology or mobile wallets like Apple Pay and Android Pay.



Company: Qiwi
Founded in: 2007
Headquarters: Cyprus

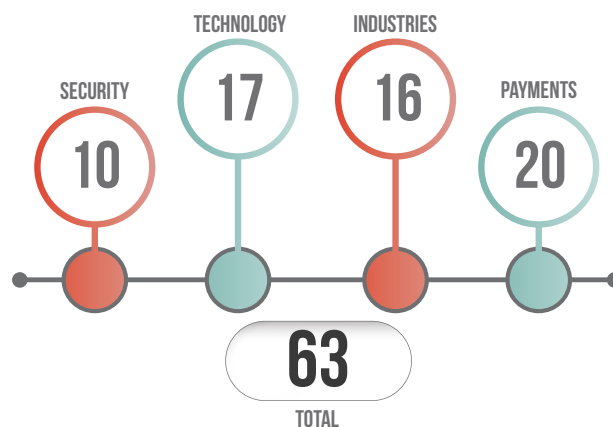


Qiwi is a publicly traded Russian payment service provider headquartered in Nicosia (Cyprus), that operates electronic online payment systems primarily in Russia, Ukraine, Kazakhstan, Moldova, Belarus, Romania, the United States, and the United Arab Emirates.

scorecard



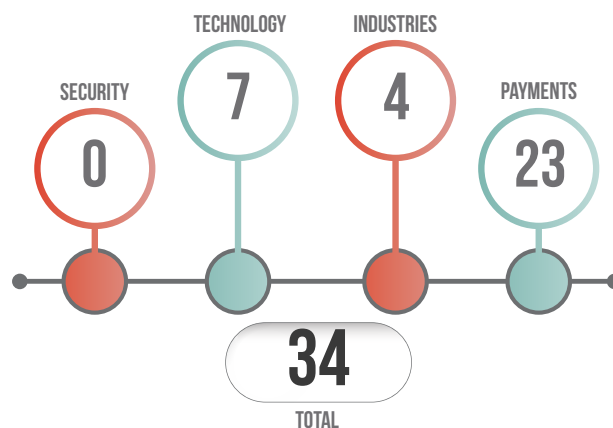
Company: Quest Payment Systems
Founded in: 1991
Headquarters: Australia



Quest provides a range of payment solutions, including fixed line and mobile payment terminal hardware, software and professional consulting services. The company's unattended payment solution has been designed for many business sectors including parking, transportation and ticketing, automated fuel dispensing, supermarkets self-checkouts, quick service drive-thru, car wash, kiosks and vending. The solution provides an option for combined EMV chip, contactless, NFC, smart cards and magnetic stripe card acceptance. Quest solutions are compliant with the latest PCI-PTS 3.x security requirements.



Company: Refresh Vending
Founded in: n/a
Headquarters: U.K.

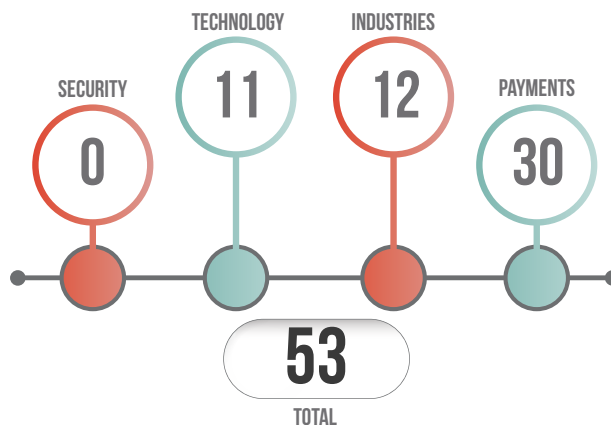


Refresh Vending provides vending machines that offer hot drinks and other products such as cakes, snacks and fresh food. The company's machines payment via cash, debit cards, credit cards or contactless payments. They also offer touchscreen technology that can display promotions or nutritional information to customers.

scorecard



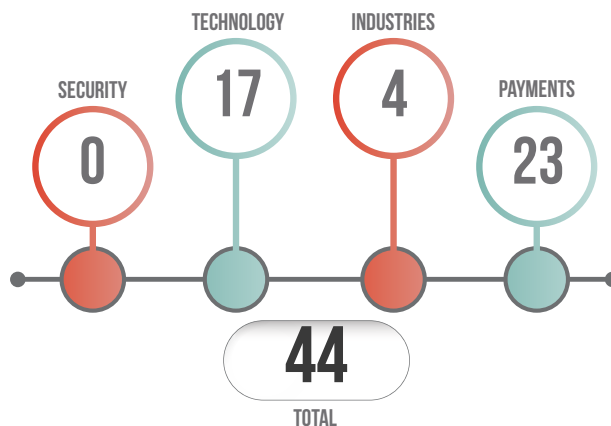
Company: Scheidt & Bachmann
Founded in: 1872
Headquarters: Germany



Scheidt & Bachmann is a global systems provider offering solutions focused on public transportation fare collection, parking and access systems, signaling systems and petrol station systems. Its solutions also include automatic pay stations and public transit ticketing kiosks.



Company: Selecta Management AG
Founded in: 1957
Headquarters: Switzerland

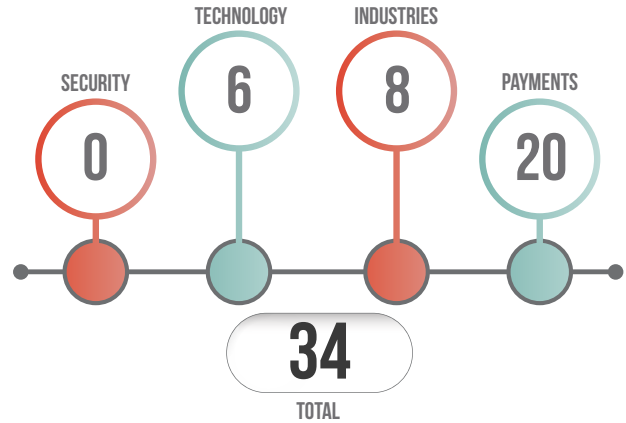


Selecta is a vending and coffee services company that offers food and drinks vending solutions for several industries. The company provides products and concepts for out-of-home food and beverage services. Supported payment technologies include contactless payments, magnetic strip and EMV cards.

scorecard



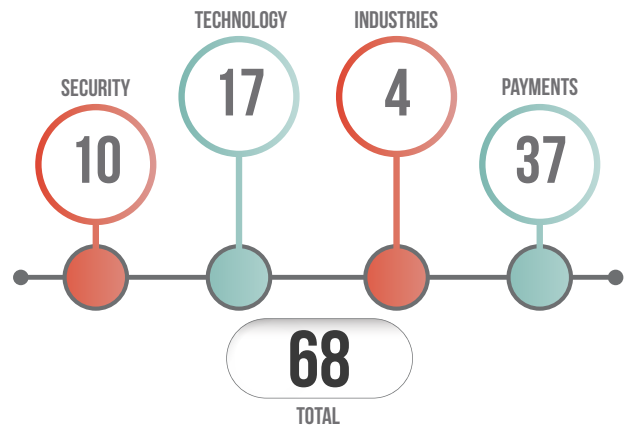
Company: Seaga
Founded in: N/A
Headquarters: U.S.



Seaga is a U.S.-based vending machine company offering solutions ranging from digital kiosks to custom vending and retail machines, as well as bill change machines.



Company: Setomatic Systems
Founded in: 1968
Headquarters: U.S.

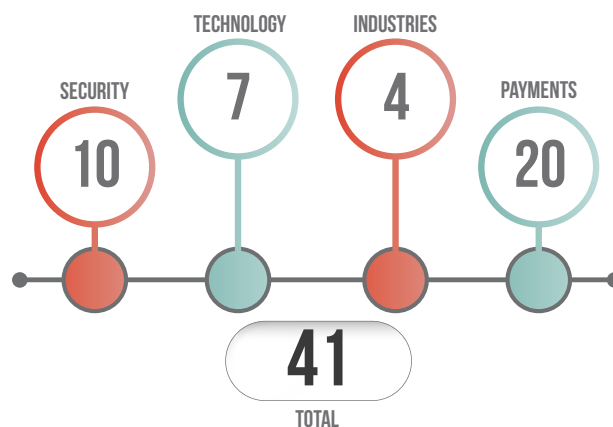


Setomatic Systems offers the laundry industry its SpyderWash Payment System. The system accepts all major credit and debit cards, including closed-loop/private-label, smart and loyalty cards. It is PCI-compliant and utilizes Bluetooth encryption and offers marketing and loyalty card applications, money management tools, and cloud hosting, among other features.

scorecard



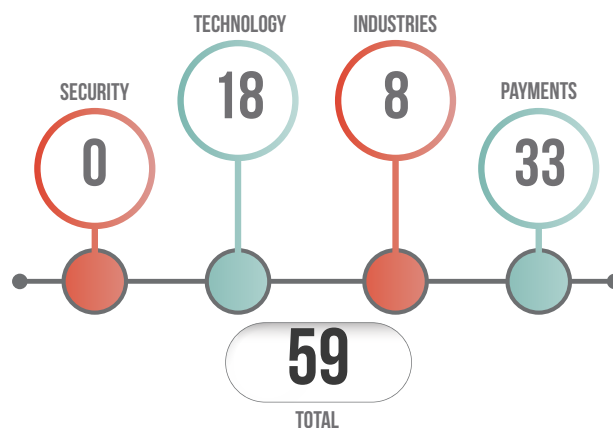
Company: ShelfX
Founded in: 2011
Headquarters: U.S.



ShelfX provides automated merchandising and inventory management technology based on weight sensing shelves and NFC identification technology. Acceptable methods of payment are credit and debit cards, NFC devices, smart cards, Xcard and mobile phones. The company also provides a cloud-based software ecosystem that lets users manage their account online and allows merchants to manage their operations and inventory.



Company: Silkron
Founded in: 2004
Headquarters: Malaysia

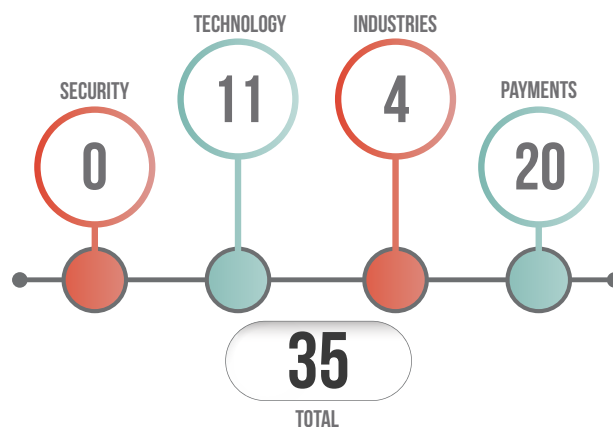


Silkron is a vending solutions developer. The company offers a range of capabilities, including cash and cashless payments, product and sales management tools, and interactive features like games and social media integrations.

scorecard



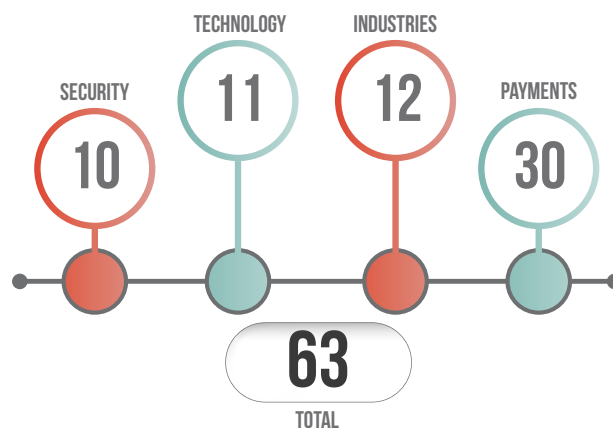
Company: Sir Steward
Founded in: 2017
Headquarters: Canada



Sir Steward develops solutions for restaurants, bars, hotels and retail merchants. The company's customizable self-ordering system enables users to engage through kiosks and smartphones apps, and can accept both credit and debit payment options.



Company: SIX Payment Services
Founded in: 2008
Headquarters: Switzerland

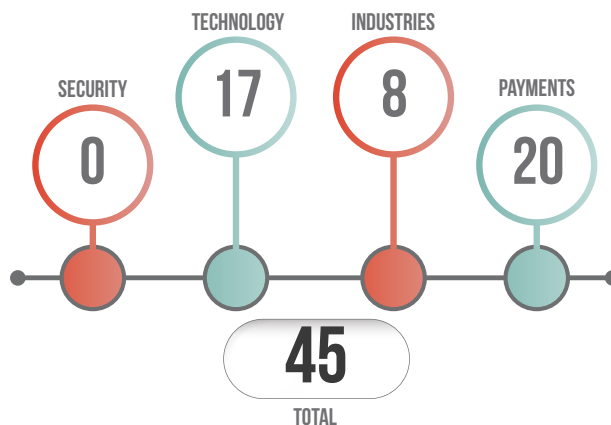


Operating as a subsidiary of SIX Group AG, SIX Payment Services Ltd. provides comprehensive services in the areas of securities trading, clearing and settlement, as well as financial information and payment transactions. Its unattended and self-service solutions have been designed for many industries including parking, petrol stations, transportation and vending and accept all major local and global cards including closed-loop/ private label cards, EMV and cashless payments. The solutions are certified to the highest security standards (including PCI and tokenization across the entire payment chain) to minimize payment risks. SIX Payment Services also offers tools to reduce costs, improve customers' experiences and maximize sales and revenues.

scorecard



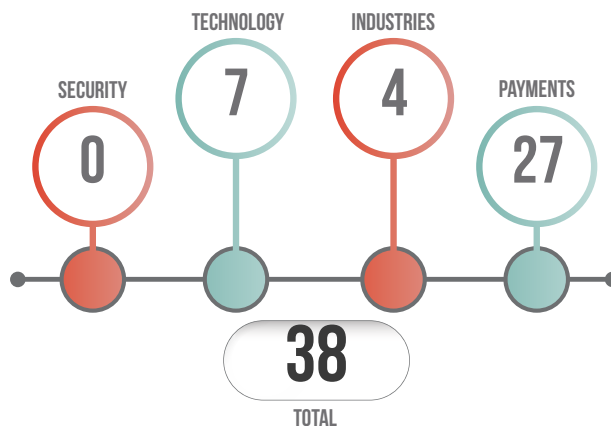
Company: SlabbKiosks
Founded in: N/A
Headquarters: U.S.



SlabbKiosks manufactures and distributes interactive self-service solutions including self-service check-in solutions for the hospitality, health care and airline industries; self-service checkout and micro-markets solutions; information kiosks for ticketing and exhibits; and government kiosks and financial solutions, including loyalty programs, prepaid credit cards, transactional kiosks and donation kiosks, among other products.



Company: Solutions Vending International
Founded in: 2011
Headquarters: U.S.

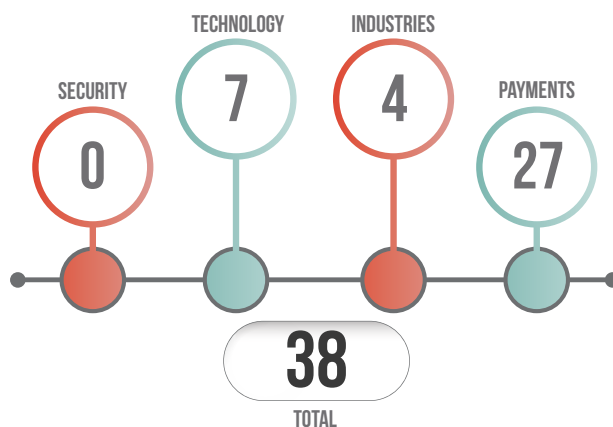


Solutions Vending International is an automated retailing technology firm that designs and manufactures vending machines for consumer products. The vending machines are wireless, accept all major forms of payment including Apple Pay and Android Pay, have digital screens to maximize customer engagement and capture their information for lead generation, and offer advertising for additional revenue opportunities.

scorecard



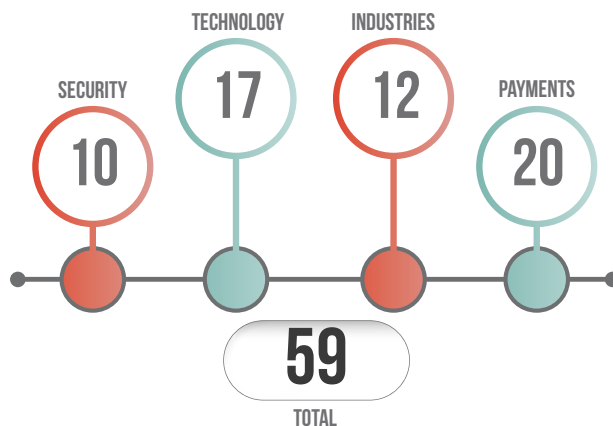
Company: Smart Retail
Founded in: 2009
Headquarters: Singapore



Smart Retail provides customizable vending machines in various sizes, each enabled with remote management, inventory tracking and item marketing display capabilities. The machines accept credit card payments as well as various digital wallets.



Company: Spire Payments
Founded in: 2011
Headquarters: Spain



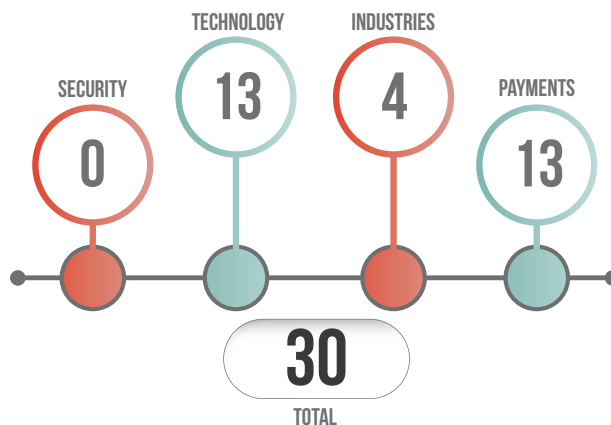
Spire Payments is a POS solutions provider developing electronic payment solutions ranging from fixed, portable and mobile payment solutions to PIN pads and unattended terminals for integration with cash register systems and self-service kiosks. Its unattended payment solution allows card payment capability to be integrated in new or existing machines. It supports several card and transaction types, including chips, PINs, contactless and NFC.

scorecard



StrongPoint

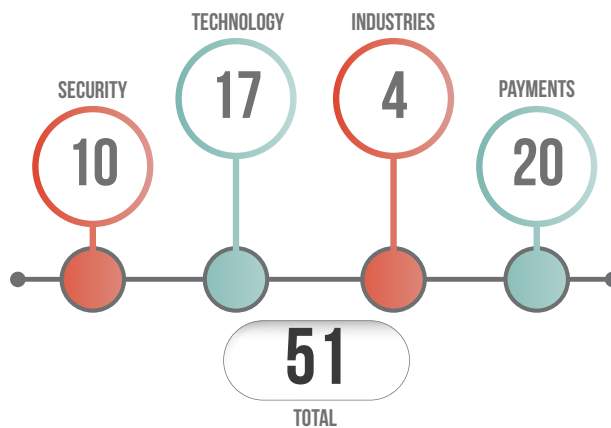
Company: StrongPoint
Founded in: 2002
Headquarters: Norway



StrongPoint develops retail and cash security solutions including cash management, click and collect, select and collect and self-checkout products. Its self-checkout hardware solution offers various payment options, from magnetic stripe cards to NFC and mobile payment options.



Company: Swyft
Founded in: 2013
Headquarters: U.S.

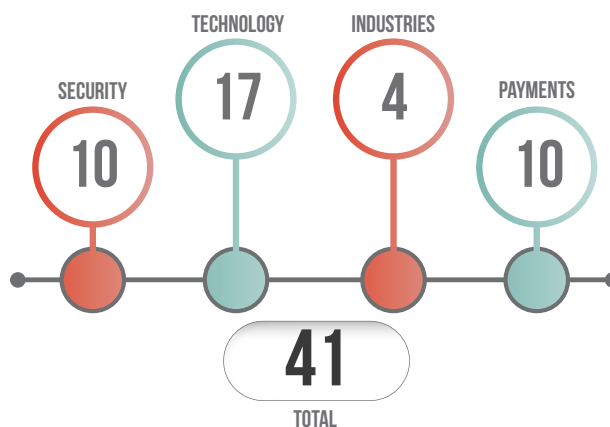


Swyft is an unattended retail solutions developer. The company's X2 vending machine accepts EMC, NFC and magnetic strip payments, and is equipped with cameras allowing for traffic monitoring and contextual advertising.

scorecard



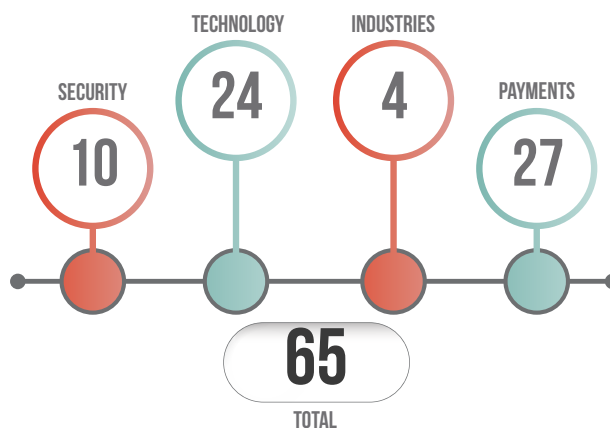
Company: T2 Systems
Founded in: 1994
Headquarters: U.S.



T2 Systems is an unattended parking technology developer. The company offers the UNIFI Parking Management Platform, which enables users to manage permits, enforcement, PARCS, multi-space meters, events and vehicle counting.



Company: Tablesafe
Founded in: 2010
Headquarters: U.S.

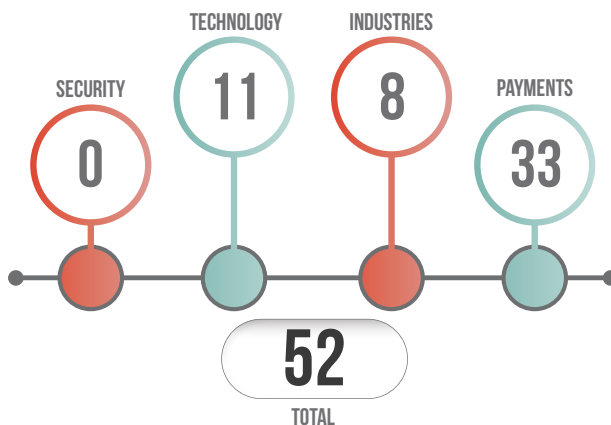


Tablesafe designs, builds and integrates hardware and software products intended to eliminate credit and identity theft in restaurants. The company offers RAIL, an unattended restaurant payment technology that allows guests to split their bill, auto-calculate tips, email receipts and pay via a card reader or NFC device.

scorecard



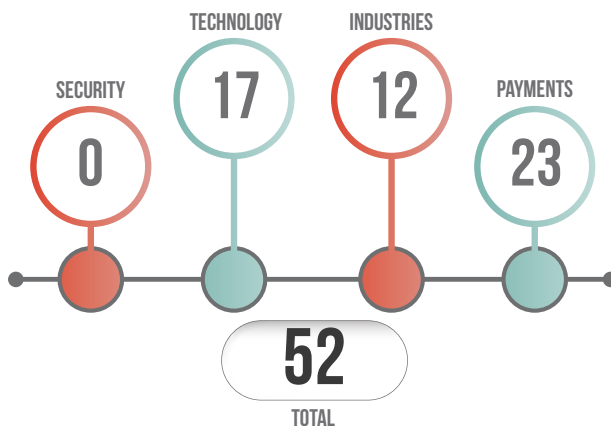
Company: Terminal Technologies Ltd.
Founded in: 2004
Headquarters: Czech Republic



Terminal Technologies Ltd. is a payment solutions developer. The company is involved in the design, prototyping, testing, certification, manufacturing, and distribution of payment hardware and software for the card payments business. Terminal Technologies offers Vendotek, an integrated cashless solution for vending. Vendotek processes a wide range of payment methods including EMV and MIFARE contactless dual technology support as well as NFC payments. The solution also provides vending remote management and marketing campaign management tools.



Company: The-Venders
Founded in: 2015
Headquarters: U.S.

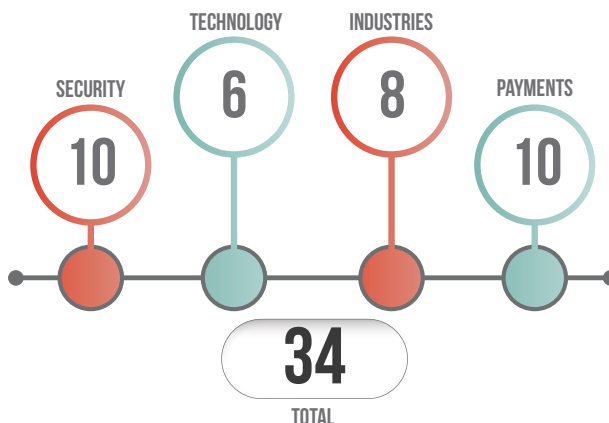


The-Venders is a vending machine technology provider. The company develops "The Ven," a line of small-profile vending machines designed to fit in locations including airports, hotels, campuses and convenience stores, among others.

scorecard



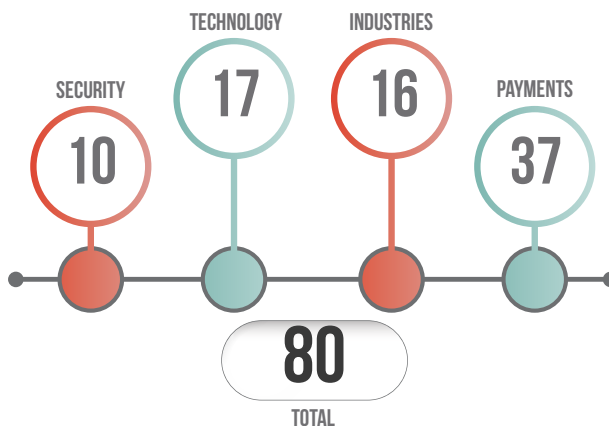
Company: Three Square Market
Founded in: 1995
Headquarters: U.S.



Three Market Square is a micromarket developer that works across North America, Europe, Asia and Australia. The company offers a set of four different kiosks with automatically updating software and can accept credit cards and cash.



Company: Unattended Card Payments Inc.
Founded in: 2013
Headquarters: U.S.

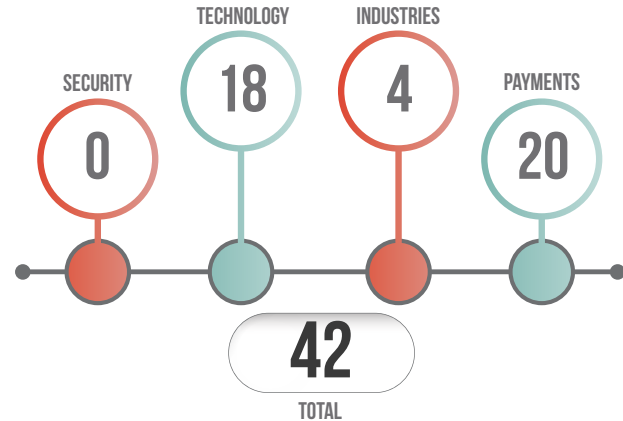


Unattended Card Payments Inc. (UCP) provides PCI and EMV compliant payment gateway and hardware solutions for unattended card payment terminals. UCP offers devices to accept chip, magstripe, contactless and NFC technology and to support private label gift and loyalty cards. The company offers its solutions to the vending, parking, hospitality and services markets.

scorecard



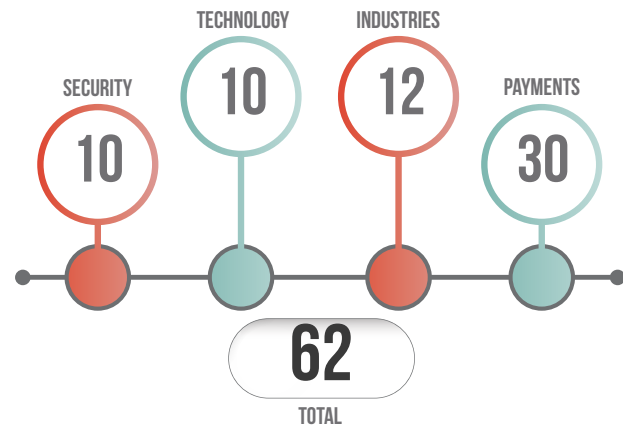
Company: UNICUM
Founded in: 1990
Headquarters: Russian Federation



UNICUM is a designer and manufacturer of smart vending machines and a provider of a wide range of vending technologies. UNICUM offers a vending software configurator that enable customers to manage and develop their business more efficient and profitable. The vending machine configurator allows to set individual names for each product, set different prices, manage coin acceptor and bill acceptor, set expiration date for individual products and more. Supported payment technologies include NFC, EMV, QR code reader and smart cards. The company is PCI compliant.



Company: UniTeller
Founded in: 2008
Headquarters: Russia

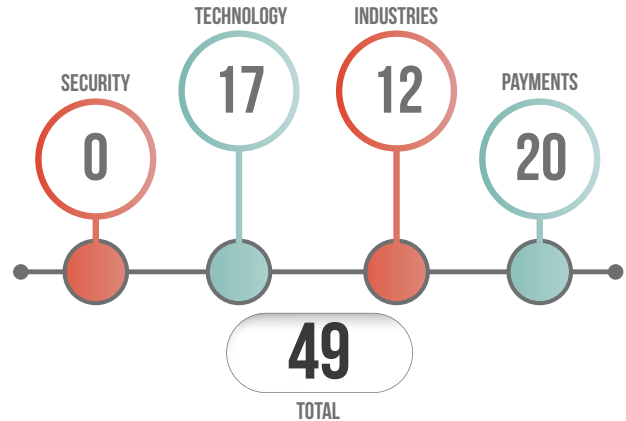


UniTeller offers payment processing services for the self-service industry. Its solutions for unattended services support all major credit cards including closed-loop and EMV cards. UniTeller's self-service solutions are designed for banking, ticketing, parking, gas stations, vending, supermarkets and other fields where credit card payments are processed in the self-service mode. The solution includes anti-skimming protection and is PCI-compliant.

scorecard



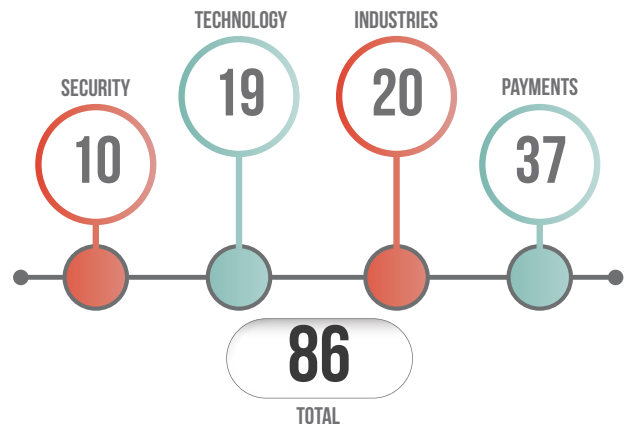
Company: Unixfor S.A.
Founded in: 1979
Headquarters: Greece



Unixfor provides self-service solutions to a range of business sectors including retail banking and shops, petrol stations, public transportation, educational institutes, casinos, sports and entertainment venues, and public utility companies. The company designs and develops self-service application and monitoring software, as well as engineering, building and assembling hardware for their self-service solutions. Unixfor payment solution accepts NFC, EMV, magnetic stripe cards and smart cards.



Company: USA Technologies
Founded in: 1992
Headquarters: U.S.

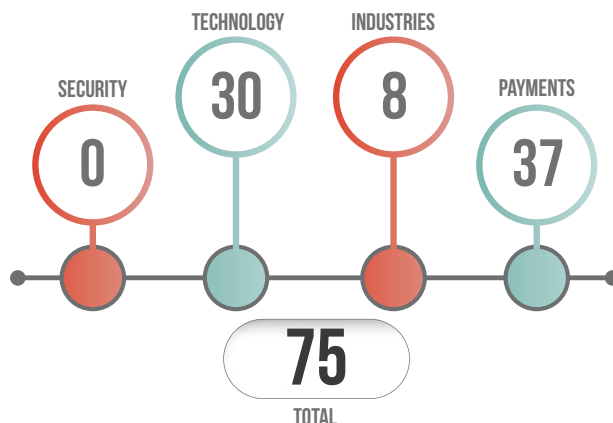


USA Technologies (USAT) provides wireless, cashless micro-transactions and networking services, as well as telemetry and customer engagement services for the unattended market. Its main product is the ePort solution, a PCI-compliant, end-to-end suite of cashless payment, telemetry and value-added services. USAT's solutions support mobile wallets Apple Pay and Google Wallet and payment technologies including EMV, magnetic stripe, NFC and BLE technologies.

scorecard



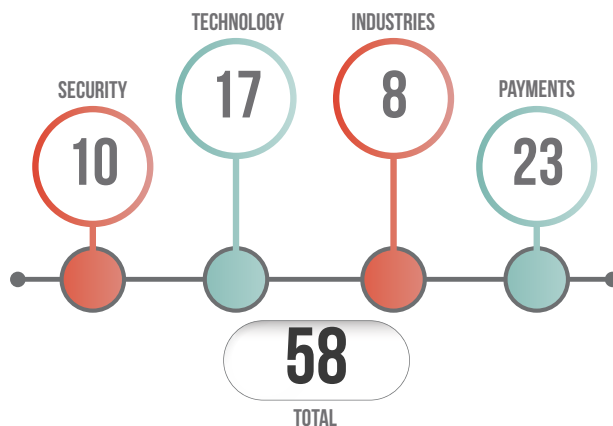
Company: VE Global Vending Inc.
Founded in: N/A
Headquarters: N/A



VE Global Vending Inc. is an interactive vending and automated retail solutions provider. The company offers merchants software tools such as content management systems and UCB applications, allowing them to control and monitor their vending transactions. VEGV's vending machines accept multiple payments including credit and debit cards, EMV chip cards, Google Wallet and Apple Pay. Moreover, vending machines count with QR/barcode reader for coupons and social media authentication, touchscreen and Bluetooth LE (PayPal, V.me, iBeacon).



Company: Vendpro
Founded in: 1995
Headquarters: Australia

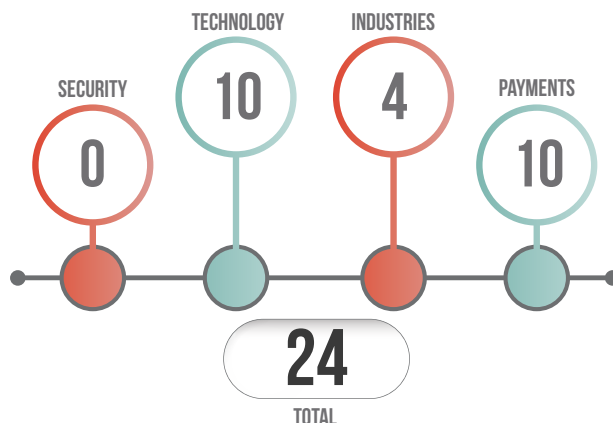


Vendpro is a vending machine offering solutions for dispensing snacks, drinks, meals and non-refrigerated products. The company's machines accept payment options including coins and cash, credit card solutions, and cashless payments.

scorecard



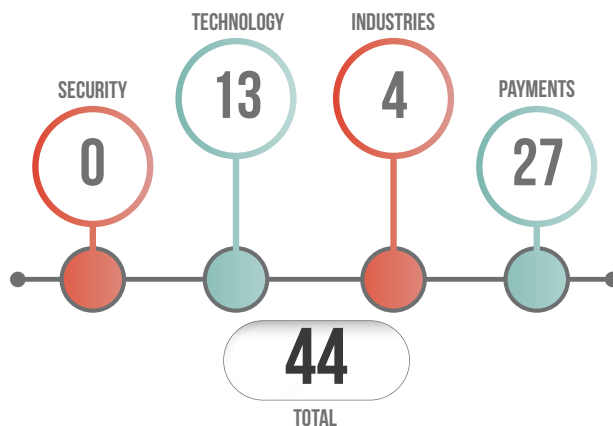
Company: Vendsy
Founded in: 2013
Headquarters: U.S.



Tray by Vendsy develops self-service ordering and checkout technology for the hospitality and service industry. The company's self-service POS kiosk allows the client to order, pay and interact with other clients in the store.



Company: Vendwatch Telematics
Founded in: N/A
Headquarters: U.S.



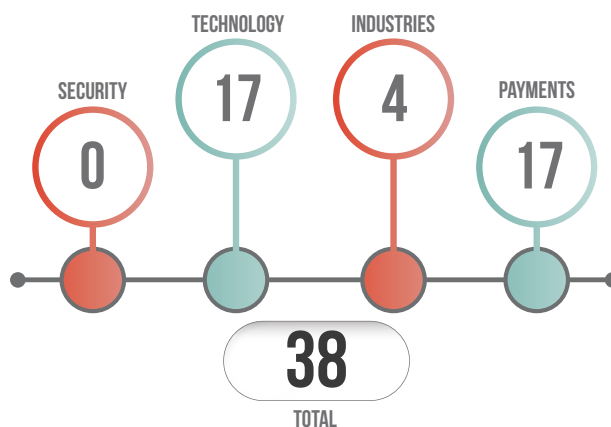
New!

VendReady is a vending machine supplier based in Haltom City, Texas, that buys and sells new and refurbished equipment from across the world.

scorecard



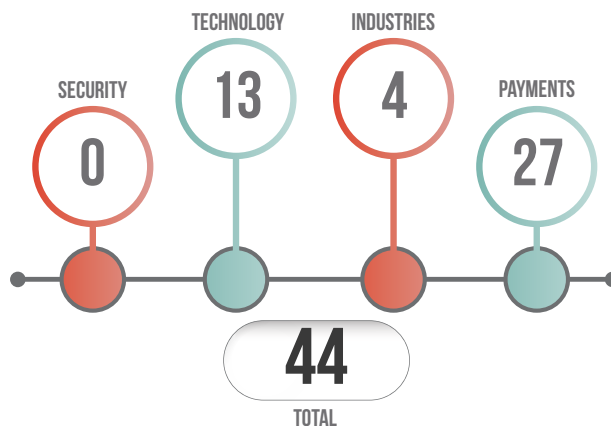
Company: Vendwatch Telematics
Founded in: 2011
Headquarters: U.S.



Vendwatch Telematics is a products and services company providing sales and operations optimization tools exclusively for the vending machine industry. The company offers VM Pay, which allows vending machines to accept smartphone payments from Apple Pay and Android Pay and includes chip card readers.



Company: Vengo Labs
Founded in: 2012
Headquarters: U.S.

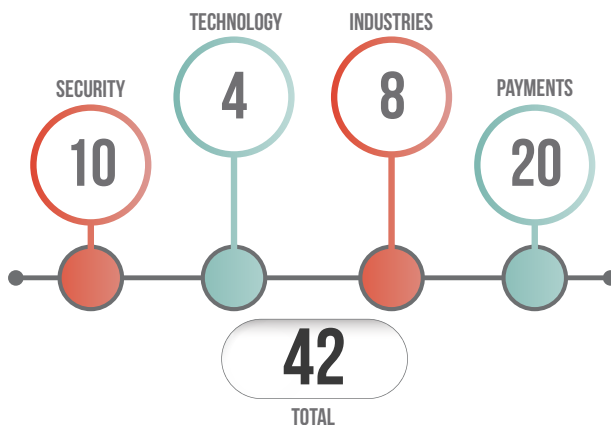


Vengo Labs offers an interactive consumer engagement platform combined with a point-of-purchase hardware. The company enables merchants to create an innovative and interactive digital customer experience, providing information and videos about their products through a touchscreen device with a slim compact design. Vengo Labs also offers tools to understand purchasing patterns and cloud-based inventory monitoring. Payments accepted include credit, debit, NFC and campus cash via Blackboard or CBORD.

scorecard



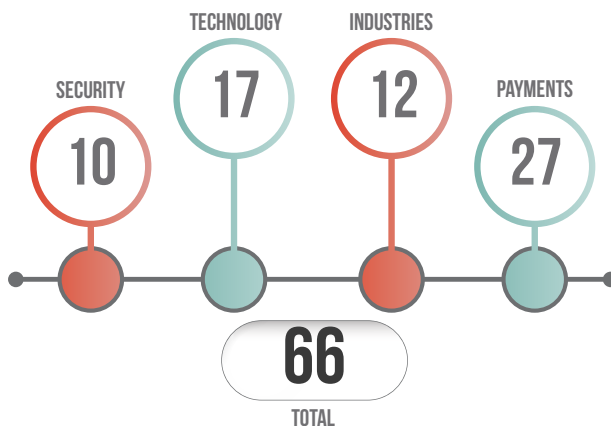
Company: VenTek International
Founded in: 1958
Headquarters: U.S.



VenTek International is an unattended parking solutions developer. The company also offers solutions for ticketing for parks and recreation as well as public transport. Together with software solutions, VenTek also provides automated pay stations.



Company: Verifone
Founded in: 1981
Headquarters: U.S.

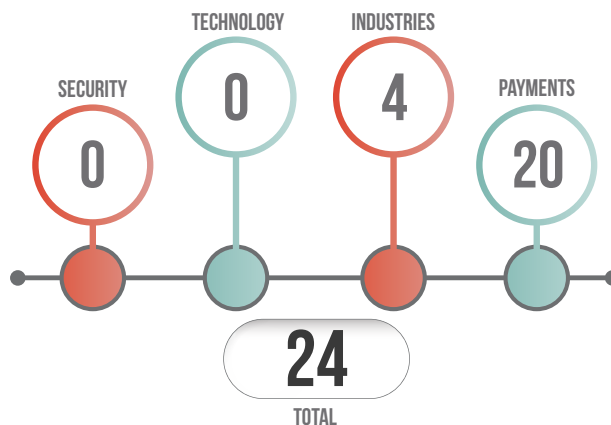


Verifone is a provider of electronic payment transactions and other POS value-added services designed for different industries including retail, hospitality, health care and transportation. It supports unattended payment devices and self-service payment systems. The firm also supports equipment and deployment, installation and training, and post-sales services. Supported payment technologies include EMV, NFC, magnetic stripe, contactless cards and prepaid gift cards. Verifone’s payment solutions are PCI compliant and count with authentication software, payment data tokenization & end-to-end encryption.

scorecard



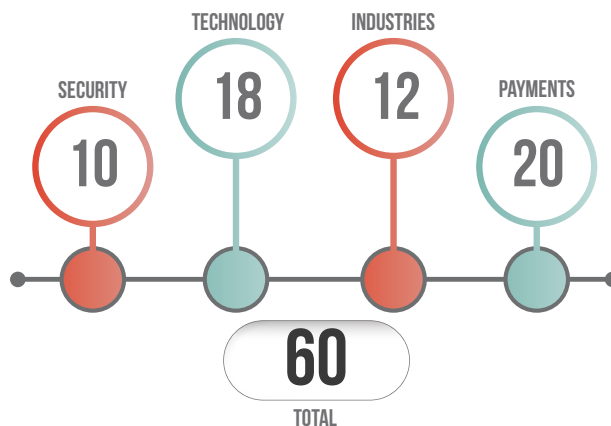
Company: Verii, LLC
Founded in: N/A
Headquarters: U.S.



Verii offers Verii NanoMarket, a small, unattended store that utilizes a mobile app as the form of payment. The NanoMarket offers a variety of snacks and drinks, including healthy food options. The Verii mobile app gives companies' employees the ability to make purchases using their iOS or Android smartphones, shop in the market and view their full purchase history. Verii also provides management tools such as real-time inventory, reports with the most popular items purchased, one-click auto-refill order option, price adjustment and more.



Company: VeriSoft
Founded in: 1984
Headquarters: Turkey

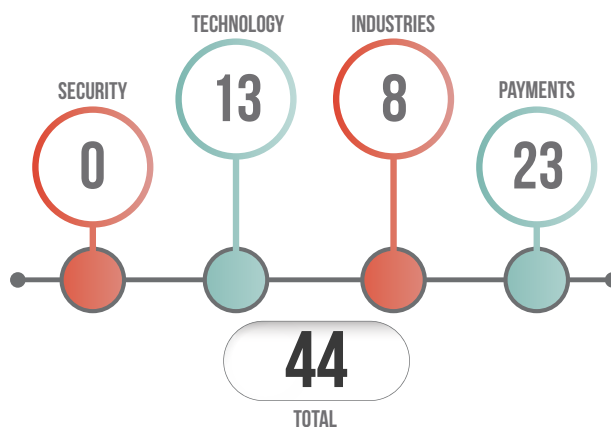


VeriSoft offers payment technology. Its solutions support credit and debit cards, EMV and NFC contactless payments, and QR code readers. The firm meets PCI security standards on unattended payment terminals.

scorecard



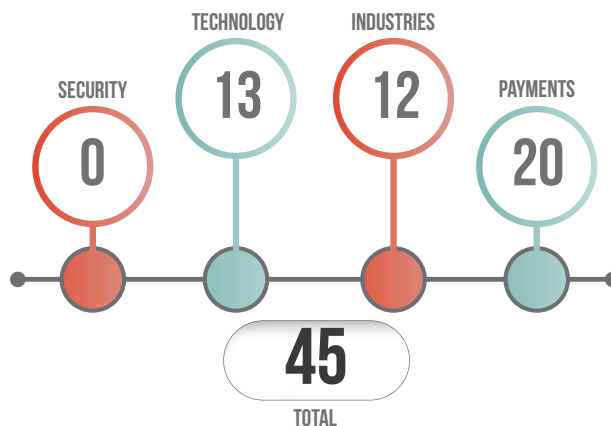
Company: ViaTouch Media
Founded in: N/A
Headquarters: U.S.



ViaTouch Media is a vending machine producer. The company's solutions include features like loyalty programs, discounts, targeted user ads, the ability to upsell products and user tracking. One of the company's developments is Lisa, a vending machine that allows users to pay by scanning their thumbs.



Company: VMC
Founded in: N/A
Headquarters: U.K.

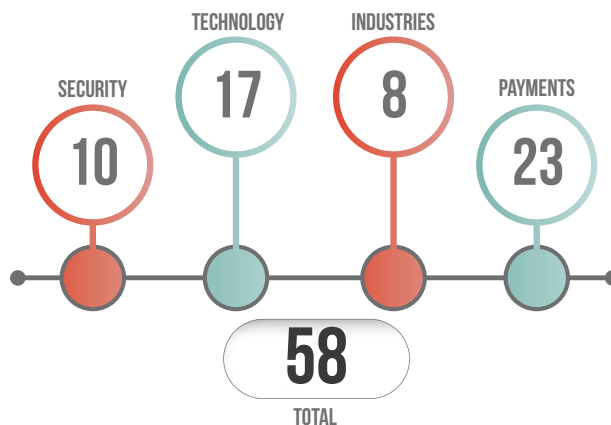


VMC designs, builds, installs, and maintains cashless systems for catering and vending operators, and end users. The firm develops cashless payment solutions by using NFC technology, and accepting traditional payment methods such as magnetic stripe. Its systems work on and offline and provide users with all the sales analysis and audit information they need to improve their service and profits.

scorecard



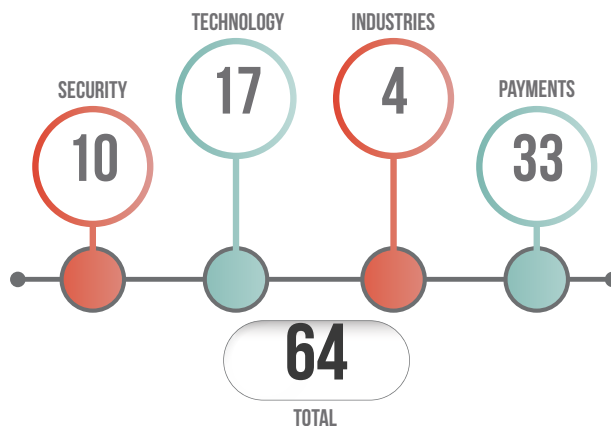
Company: WashCard Systems
Founded in: N/A
Headquarters: U.S.



WashCard Systems works directly with business operators. Ensuring their business is fitted with the necessary software and equipment they need. They aim to improve their consumer experience.



Company: Wayne Fueling Systems LLC
Founded in: 1891
Headquarters: U.S.

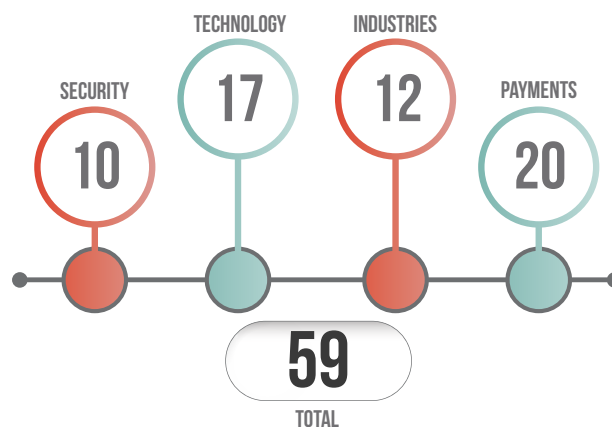


Wayne Fueling Systems is a provider of fuel dispensing, payment, automation and control technologies for retail and commercial fuel stations. Its unattended payment platforms are EMV- and PCI-compliant and have the ability to process chip and magnetic stripe credit cards, NFC contactless cards, mobile wallets such as Apple Pay, and others. In addition, Wayne's payment terminals offer media and marketing capabilities, enhancing the customer experience and offering a range of marketing opportunities.

scorecard

worldline

Company: Worldline
Founded in: 1970
Headquarters: France

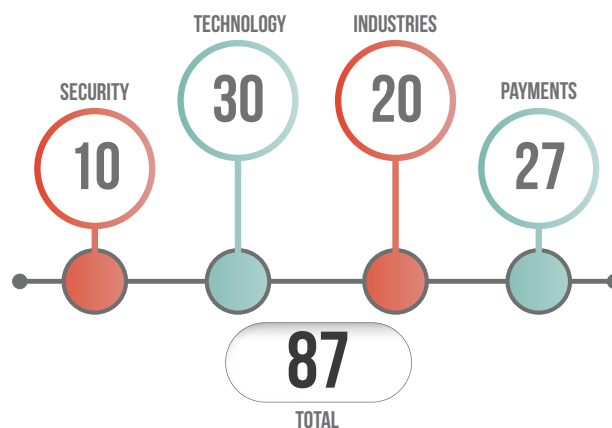


Worldline offers a range of end-to-end services for the payments and transactional services industry. The company delivers payment terminals and accessories for shop-based and mobile retailers, attended and unattended petrol stations and financial institutions, among others. The company also offers a range of unattended terminals, which are suitable for use both indoors and outdoors. Worldline's terminals are PCI compliant and accept all major type of cards, including debit, credit, e-purse, Mifare™, loyalty and prepaid, as well as EMV and NFC payments.



worldnet payments

Company: Worldnet
Founded in: 2008
Headquarters: Ireland



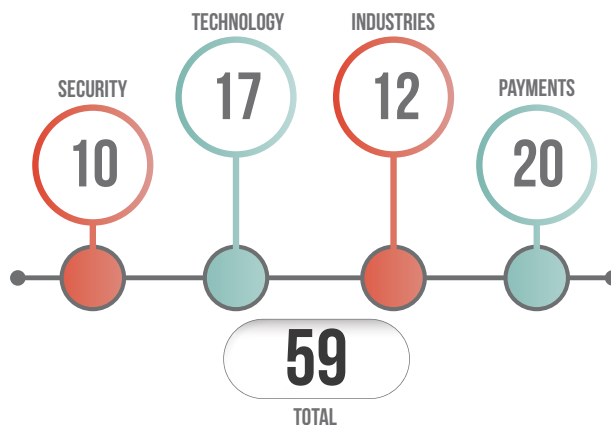
New!

Worldnet provides omnichannel payments platform solutions to corporate clients in North America and Europe, offering a fully hosted version of the Worldnet Platform that delivers EMV-enabled products and services. Its platform is scalable and provides both multicurrency processing and multilingual support.

scorecard



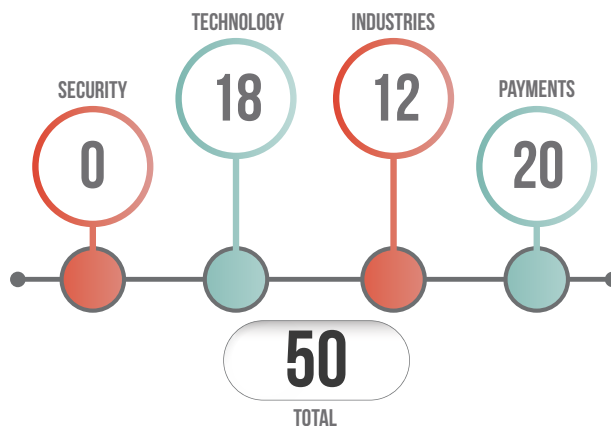
Company: XAC Automation Corporation
Founded in: 1993
Headquarters: Taiwan



XAC Automation Corp. manufactures transaction automation devices for the payments industry. XAC's Unattended Payment Terminal has been developed for integration into self-service applications such as gas pumps, vending machines, parking meters, kiosks and other outdoor transaction solutions. Payments accepted include PIN and EMV cards and NFC/contactless payments. XAC's solutions are PCI compliant.



Company: Xafax
Founded in: 1983
Headquarters: Netherlands

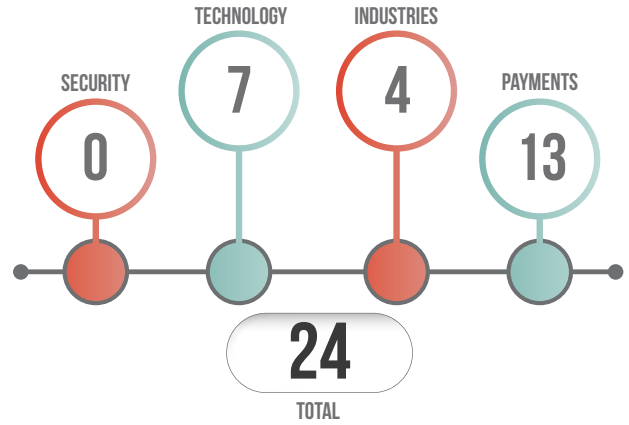


Xafax is a supplier of cashless payment services and IT solutions for education, libraries, government, health care institutions and retail companies. The firm offers payment solutions for vending machines and self-service kiosks. Xafax solutions accept smartcards, EMV chip and pin credit and debit cards, as well as NFC cashless payments.

scorecard



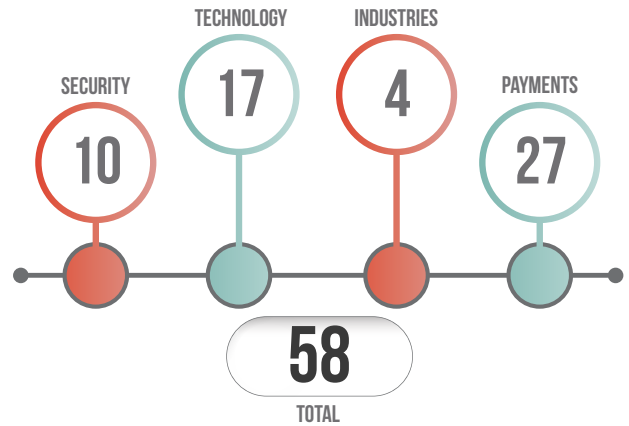
Company: Yo-Kai Express
Founded in: 2016
Headquarters: N/A



Yo-Kai Express is a high tech company which is changing the traditional restaurant industry with autonomous solutions.



Company: Ziosk
Founded in: 2007
Headquarters: U.S.

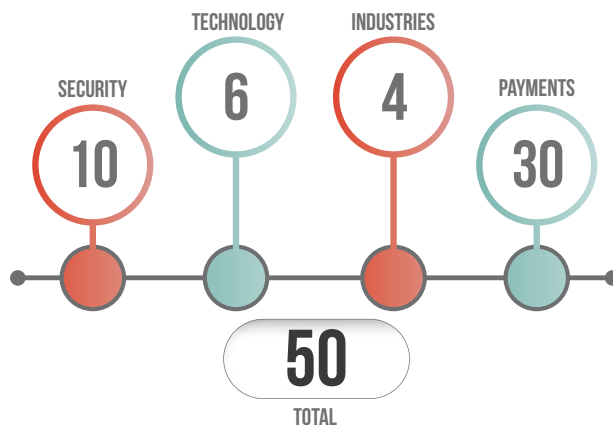


Ziosk develops technology solutions for the restaurant industry. The company provides restaurants with a 7-inch tablet with a Wi-Fi connection that provides enhanced customer experience tools such as preloaded games and social media integration, as well as customer engagement features such as loyalty and rewards programs. Payments accepted include magnetic stripe credit and debit cards as well as Android Pay and Samsung Pay. Ziosk's tablet solution is PCI-compliant and counts with encrypted credit card reader.

scorecard



Company: ZoomSystems
Founded in: 2001
Headquarters: U.S.



ZoomSystems develops and operates automated retail platforms for retailers and brands. Its solutions include integrated hardware, software and managed services. ZoomShops' card readers accept all major credit and debit cards including closed-loop/private-label cards and are PCI-certified. ZoomSystems also offers a remote management and merchandising software that manages from product catalogue to consumer presentations, pricing and promotions in real time and manages in-stock and product availability performance of the network.

ABOUT

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