



DESIGNA

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	DESIGNA
Intro	

The solutions to the challenges of our time are digital.

A changing market. Something that appears so simple is actually of key importance. The digital revolution is not only upon us; it's in full swing – and the seamless interplay between innovative software features and state-of-the-art hardware is becoming increasingly important. This applies across the board, including in the area of parking management. These changes also provide our customers with a range of opportunities to fundamentally improve their profitability and workflows.

In light of this, DESIGNA is providing digital solutions to the challenges of our time. With our CAPS system, we are offering business software solutions based on the requirements of our customers as well as the matching hardware. This includes Pay Coinless, Pay Cashless and Pay Cash & Card – three new pay stations that stand out thanks to their high-quality design and excellent functionality. They prove once more that with DESIGNA the future is now.



DESIGNA

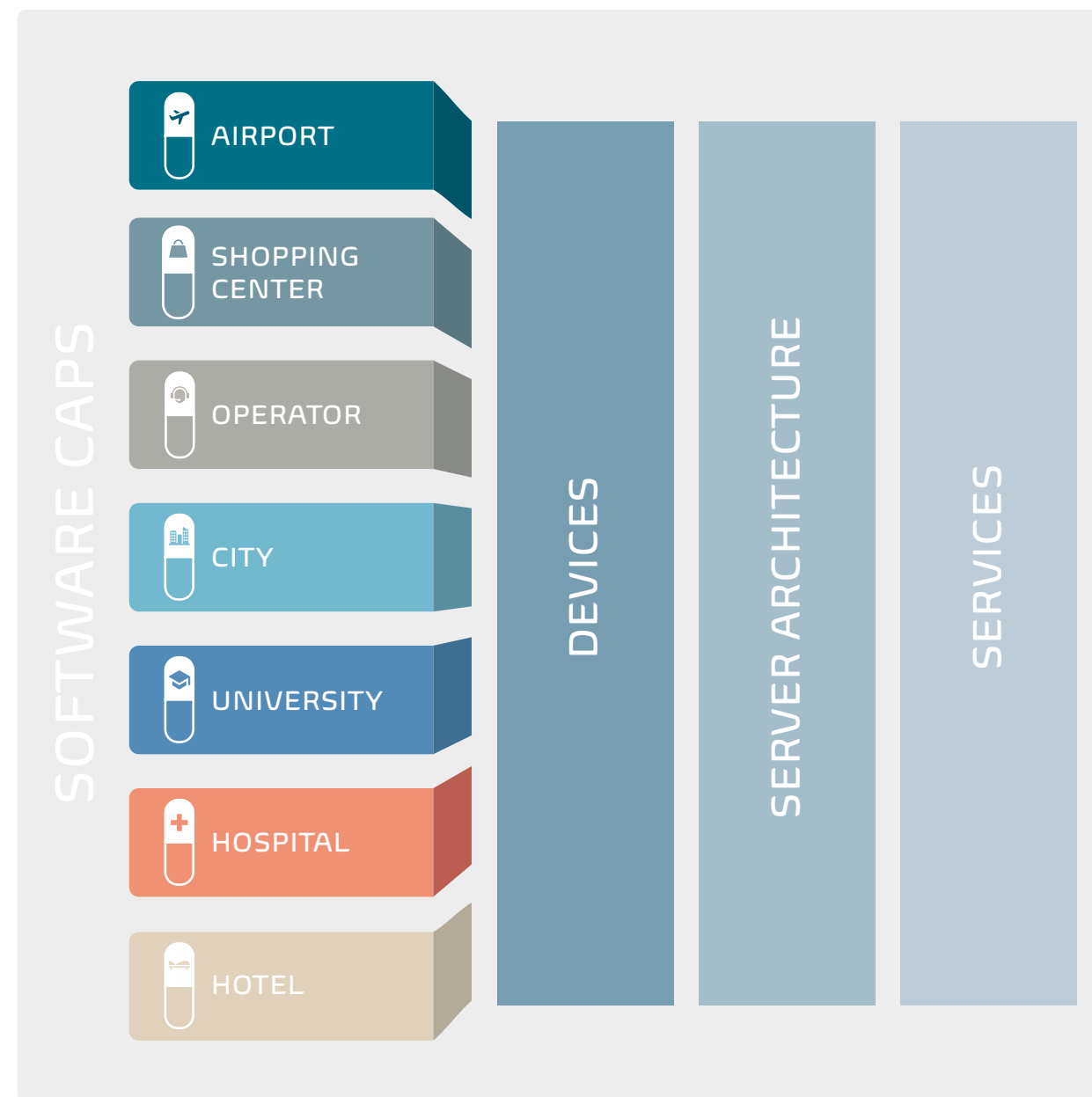
Solutions

The perfect solution for any customer requirement. Customized and target-oriented.

The DESIGNA parking management system is setting new standards – not only in terms of reliability and user-friendliness, but also regarding the possibilities of integrating and networking individual software features. Thanks to the new clear structure with individual industrial solutions (business solutions) and functional solutions, any operator will be able to find the right product to meet their needs. After all, we know that all business areas – whether airports, hotels, shopping centers, universities, hospitals or entire cities – have their own requirements regarding parking systems and their corresponding services.

We take pride in meeting all of our customers' requirements in this regard. Our solution: providing the right services, consisting of intelligently linked software and hardware, to create an unparalleled unit. As a result, customers benefit from an economical and above all future-proof solution. With these outstanding qualities, it stands to reason that DESIGNA is not only maintaining its market-leading position with regard to technology, but extending it.

Business solutions



Business as unusual –
the perfect solution for your sector.

The parking management market has always been very diverse. There are many different application areas, but they all have one thing in common: they all need an independent performance profile. For parking facility operators, finding the best possible solution for their business from among the numerous providers is no easy task. But with its customized business solutions, DESIGNA is proving that there is another way. Our range contains tailored solutions for various sectors. Whether airports, shopping centers, parking facility operators, cities, universities, hospitals or hotels – all can choose the best solution for their needs from a customized range of options.

One particularly important feature of the services on offer is the new DESIGNA CAPS software packages. These contain unique software features that really show their value in the respective sectors and that enhance a parking facility operator's service portfolio in no time at all. Regardless of whether the aim is to improve the company's workflow or to offer a new parking service, with Pre-Booking, Couponing, Web Validation, Staff Mobility Badge or Loyalty Cards, the possibilities are practically endless. The entire range contains over 100 unique software features in total.



Software Features Overview

TICKETLESS

- Lost Ticket @ Exit Without Ticket
- Online Contract Parker
- Carfinder
- Software License Pre-Booking
- "Sum Per Day", "Max. Trips Per Day" incl. Reports
- LPR as Short-Term Parker Media
- Loocate
- Seasonal Parker Management (web-based)
- Replacement Tickets via LPR
- Touch and Go
- qinkk-App

SMART CITIES

- Software License RFID Car2Go, BMW ParkNow
- Third Party Request
- Web&App
- Software License Webservice
Cashpoint, Operation, System
- Eventforwarding
- Third Party Interface
- ADAC Parking Facility Occupancy Transfer
- SpotHero
- ParkWhizz
- Charging Station Release
- E-mail Notification
- DESIGNA eCademy

TICKET OPTIONS

- Replacement Ticket
- Lost Ticket
- Debit Card (Value based)
- Congress Ticket (Event Ticket)
- Seasonal Parker
- Hotel Ticket
- One-Use Tickets
- I/O Check
- Flexi Card
- Group Anonymization
- Card Filter / Card List
- Extended Ticket Print
- Block Card / Group Types at Terminal
- Blacklist / Greylist Function
- Prepare / Produce / Assign
- Tickettracking

CASHLESS

- SMS Payment
- Mobile Payment, fe. DRIVE
- Mobile Payment (no SMS)
- Credit Card InOut
- Software License SMS-Exit
- Software License PIN Pad pro LCC
- Software Credit Card Processing
- Pre-Booking, Pre-Booking Recoding

Lost Revenue Report



Pre-Booking



AIRPORT

Web Validation Manager incl. Report

Online Contract Parker

Cash and Tickets Inventory Report



HOTEL

Coupons

Staff Mobility Badge (Congress Ticket PLUS)

Pre-Booking Recoding



SHOPPING CENTER

Dynamic Counter Adjustment

"Sum Per Day", "Max. Trips Per Day" incl. Reports

qinkk-App



OPERATOR

Promotional Codes



CITY

Loyalty Cards



UNIVERSITY

Traffic Jam Detection

OPnGO

- Park Check
- Tariff Switch Card
- Early Bird PLUS
- Special Income
- Special Rate
- Tariff Module
- Coupons
- Web Validation Manager incl. Report
- Theater Rate
- Marketing-Package
- Loyalty Cards
- Time Check / Value Check Processing
- QR-Code Discount / Tariff Switching
- Software License Online-Discount
- Software License BahnCard
- Tariff Module Plus
- Ticket-Media from Travel / Event Agency
- Tariff Calculation via Webservice
- Lost Revenue

- Credited Seasonal Parker incl. Report
- Time Slot Statistic / Occupancy Statistic
- Operating Report
- Cash Book
- Card Lists
- Customer Lists
- Throughput / Turnover / Alarm Statistics
- Web-Tracking
- Midnight Report
- Rate Change Report (also 4 TCU)
- Availability Report
- Vale / Time Check (Vouchers) Settlement
- Report of Online Validation (Primary ODS)
- Debit Card (Value Card) Balance
- Park Check Report (also for MCU)
- MPS/APS-Shift Report
- Seasonal Parker Report
- MFK (Multi-Functional Card) Report
- VolP-Call-Statistic
- Cash and Tickets Inventory Report
- Lost Revenue Report
- LPR Conflict Report
- Report-App
- Ticket Verification (Report)
- Customer-Specific Web-Tracking
- Valet Report
- Transaction Report
- Credit Card Payment Report
- Park Series Counting and Occupancy Statistics
- Proof of Vouchers
- Parking Facility Alarm Statistic
- KPI Report
- Proof of Ticket
- Promotional Codes-Report

VALIDATION

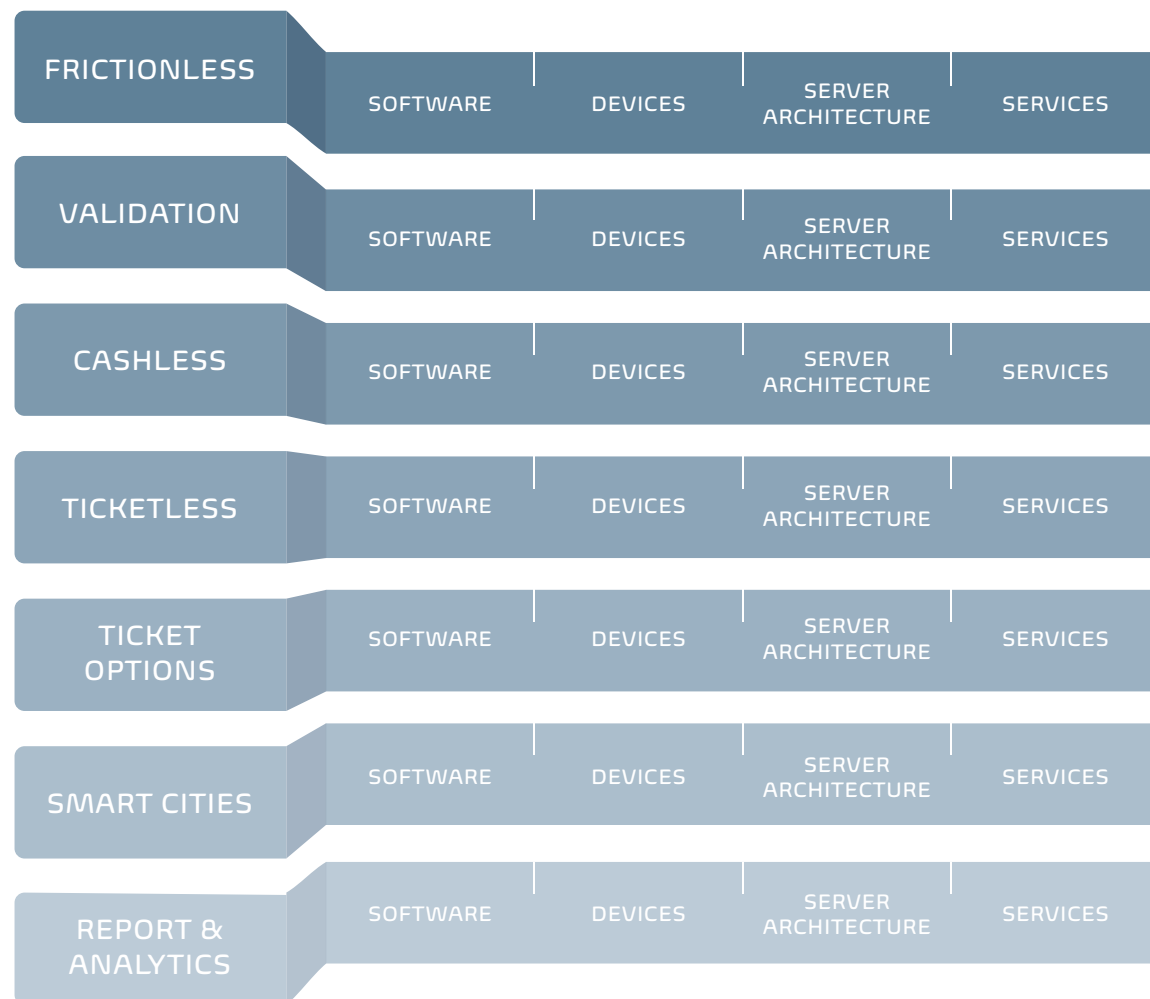
REPORTS & ANALYTICS

Functional solutions

Increase your range of parking services – with DESIGNA functional solutions.

The DESIGNA functional solutions show just how easy it is for parking facility operators to make their parking management systems more attractive to users. Once our customers have made their selection, they enjoy the benefits of a perfectly tailored, all-in-one and pre-defined solutions package. All components are perfectly coordinated with one another, so there is nothing standing in the way of quick and easy implementation.

Functional solutions



Ticket options

DESIGNA devices support both barcode and magnetic strip technology (side and middle-strip). When using magnetic strip technology, debit cards and loyalty cards can also be used as a means of identification in addition to paper tickets. Whichever equipment version is preferred, the relevant parking facility information, entry time and ticket number are printed on each short-term parker ticket and stored in the database. Parking customers can therefore easily be issued a replacement ticket if the parking system is ever in offline mode. Both ticket types can be used as short-term or seasonal parker cards and can also be coded so that customers can enter and leave the parking facility as many times as they like during a hotel stay or for the duration of a conference, for example. Operators can manage up to 15 different seasonal parker groups.

Ticketless

With standard smartcard technologies, License Plate Recognition (LPR) and the qinkk app, DESIGNA is offering three attractive solutions that allow parking facility customers to enter and leave the facilities without the need for a ticket. For seasonal parkers, smartcards such as UHF, Mifare and Legic are probably the most well-known type of ticketless parking. Located inside the car's front windscreen, the barrier opens as soon as the car approaches – completely contactless. This is made possible by an invisible RFID tag on the smartcard.

Another authorization option is the License Plate Recognition (LPR) system, which uses a camera installed at the entrance and exit to reliably check the approaching customer automatically based on the vehicle license plate. The system checks for valid access authorization using the integrated recognition software. Seasonal parkers can also enjoy the benefits of the VIP service. Once they are stored in the VIP list, customers are able to enter and exit without a ticket.

With the patented qinkk app, which is currently the only beacon-based (Bluetooth) solution on the parking management market, facility operators can allow their short-term and seasonal parker customers to process all parking transactions via their smartphone – contactless and ticketless. This turns the smartphone into a unique means of identification. Once qinkk is installed on the smartphone, the installed beacons will detect users as they approach the terminals and will automatically grant entry and exit. qinkk is available both for Android and iOS devices.

Frictionless

Contactless entry and exit will always be the most convenient way of parking. DESIGNA provides parking facility operators with all of the necessary elements from a single source. Thanks to DESIGNA's LPR system with VIP function, this rare service can now become a reality. The technology involves converting a vehicle's license plate into a unique means of identification, which authorizes the driver for ticketless entry and exit. A pre-booking feature that uses LPR for identification can also be linked to the system.

The patented beacon-based (Bluetooth) app qinkk described above provides another way of implementing a frictionless solution. The qinkk app uses the driver's smartphone for identification and can also be seamlessly integrated into a pre-booking application.

Validation

There has always been high demand for vouchers, customer-retention programs and couponing, which makes it possible to transmit a range of different offers. DESIGNA provides parking facility operators with all this and more – such as the seamless integration of an extremely wide range of customer cards. The cards themselves are used in combination with the parking tickets – generating a new fee calculation. The lost revenue is allocated to the loyalty partners and can be offset accordingly. In addition to increased customer retention, this service also stands out thanks to its increased profitability.

Cashless

Being able to pay for parking conveniently and without cash makes a significant contribution in improving customer satisfaction. The convenient processes, paired with secure transmission of customer and payment data and the associated confidence in the operator, are fundamental requirements for the success of this service. With the cashless solution from DESIGNA, you can offer your customers all the security required by law when paying for a parking space or reservation – whether online via your website, on the go using a smartphone, or at the terminal with credit and loyalty cards.

Reports & Analytics

Substantiated reports and analyses provide important information to help you manage your systems securely and efficiently. The clear display of complex data and processes, encapsulated in visual form, is one of the great strengths of the DESIGNA Reports and Analytics solution. The service ranges from the Cash & Ticket inventory report and time-slot statistics to comprehensive web reports (card list) as well as the number and status of issued parking tickets. Ticket tracking can also be performed via web browser.

Smart Cities

The Smart City solution has already proved successful in a large number of cities, and the reasons for this are clear: why have separate cards for everything when you can have just one – the multi-function card. The card can function as an employee ID card and used for access authorizations, time-keeping and cafeteria payments. It can also be used as a loyalty points card, city card, regional tourism card or shopping center discount card. The card works across a multitude of different sectors and is also an important customer-retention tool with multi-functional applications. Another option is the prepaid card with a pre-defined parking credit that can be used for a wide range of parking transactions – such as parking in the city center. This is another convenient service that is welcomed by customers.

DESIGNA
qinkk

Parking has never been smarter – with qinkk.

The DESIGNA qinkk app for smart devices is the revolutionary solution for ticketless short-term and seasonal parking. qinkk is currently the only advanced beacon-based (Bluetooth) solution on the parking management market. Due to the technical properties of the beacons, they can be installed quickly, easily and cost-effectively in almost any parking garage. qinkk allows customers to enter and exit the facilities contactlessly and pay at either the automatic pay station or via registration – eliminating the need to visit the pay station. Short-term parker information can be evaluated and addressed in the same way as the information on seasonal parker cards, with one key difference: short-term parkers remain anonymous. They do however have the option of registering with the app to benefit from the added-value offers, such as the option of paying online via the app.



qinkk benefits

- Parking transactions managed via the app on smart devices such as smartphones or tablets
- Ticketless and contactless parking for short-term and seasonal parkers
- The app functions completely automatically thanks to the beacon technology
- qinkk app communication with the qinkk server over the internet
- qinkk allows for both anonymous and registered customers
- Matching landing page for customer self-management



DESIGNA

Devices

Our standard is success. The hardware.

We are redefining parking technology. For this reason, we have highly trained engineers who contribute their knowledge to the company to guarantee that we always offer our customers the best possible product. With DESIGNA, development and production are carried out from a single source with "Made in Germany" quality. Each system is carefully tailored to the specific customer requirements. And that's what makes DESIGNA products so unique. All components are optimally tailored to their particular function and are explicitly designed to ensure that they interact smoothly. They are unconditionally reliable, impressive in their functional scope and set standards in terms of their future viability.

The modular technical structure, cutting-edge terminal controller and consistent use of the Ethernet standard means that all system components are suitable for expansion, integration and networking. As a result, incorporating external alarm notifications, information systems or databases into a system is possible without any difficulty. VPNs (Virtual Private Networks) can also be used to build large-scale structures in a cost-effective way.

Head and heart united. The Multicon.

With ABACUS, it's right at the heart. Whether in the form of a barcode or a magnetic strip, Multicon – the intelligent core module for processing paper tickets – is redefining reliability. Key features include its wide range of optional functions and its extraordinarily high operating speed, e.g. when issuing tickets. But, with all of its innovations, we would not be DESIGNA if we had not also paid special attention to this module's ease of maintenance. The quick and tool-free access to the ticket guide is therefore just as important to us as the maintenance-free cutting of the paper tickets.

A very special first: the introduction of three new pay stations.

The fact that technical specifications and superior design go hand in hand is demonstrated by our new BlueEdition family pay stations – Pay Cash & Card, Pay Cashless and Pay Coinless. The current design generation also constitutes an upgrade over the previous design. Instead of having one fully equipped pay station that forced operators to make compromises if they wanted to accept only coinless payments, for example, DESIGNA is now offering three pay stations with separate performance profiles.

The benefits for the operator are obvious: device architecture tailored to specific requirements, perfectly utilized space and an extremely compact design. Different operating heights are also no problem if, for instance, an accessible pay station is required. All three new pay stations are designed for processing tickets and cards with magnetic strip and barcode technology. An intuitively designed user interface ensures a smooth payment process for customers and a wide range of impressive services are already integrated depending on which equipment version is selected.

Benefits	Pay Cashless	Pay Coinless	Pay Cash & Card
• Payment with credit cards and Girocards	•	•	•
• Fixture for PIN pad and NFC readers from the most common manufacturers	•	•	•
• Coin-processing		•	•
• Banknote reader or banknote recycler		•	•
• Banknote store for up to 600 or 1000 banknotes		•	•
• Accessible controls (ADA-compliant)	•	•	•
• Intuitive user interface	•	•	•
• Ticket and card processing based on barcode or magnetic strip technology	•	•	•
• Payment of short-term parker tickets including discount	•	•	•
• Extension and payment of seasonal parker cards	•	•	•
• Receipt printer for issuing verifications with thermal-printing technology	•	•	•
• TFT color display (10.4") with touch function	•	•	•
• Integrated intercom	•	•	•





Entrance/exit control terminal
In / Out



Entrance/exit control terminal
In + / Out +



Automatic pay station
Pay Cashless



Automatic pay station
Pay Coinless



Automatic pay station
Pay Cash & Card

DESIGNA

Devices

Serial success – the new faces
in the BlueEdition product family.

Our constant aim has been to apply technological advances to the benefit of our customers – and this has been key to the success of our BlueEdition product family. The fact that you can always improve on a good thing was again proven by the latest update – the three new automatic pay stations Pay Cashless, Pay Coinless and Pay Cash & Card. With its reduced power consumption and intuitive operating concept, the BlueEdition family is a prime example of cost-effectiveness and efficiency combined with high-quality design.

The In & Out terminals – calm is the key to efficiency.

The In & Out entrance/exit control terminals have by far the lowest power consumption in their class. They are based on the tried-and-tested DESIGNA operating system and therefore include state-of-the-art networking technologies and an intelligent energy management system. When no vehicle activity is detected, the device enters sleep mode and is only activated when a vehicle approaches the terminal – effectively reducing power consumption. The aluminum housing contains cutting-edge processor technology while taking up very little space.

Benefits of In & Out +

- Low energy consumption, future viability guaranteed
- More user-friendly thanks to intuitive operation (illuminated ring)
- Height of control panel can be adapted to the latest car dimensions
- Optimized low maintenance design
- Sturdy and resistant thanks to stainless steel
- Flexible identification options (magnetic strip, barcode, smartphone, RFID)
- Easy ticket disposal thanks to flexible container
- Holds up to 10,000 tickets
- Optional PIN pad integration for debit and credit cards



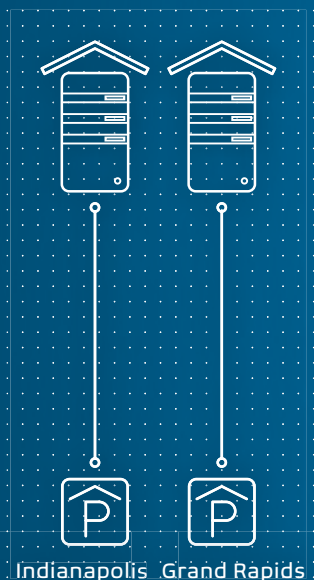
In



In +

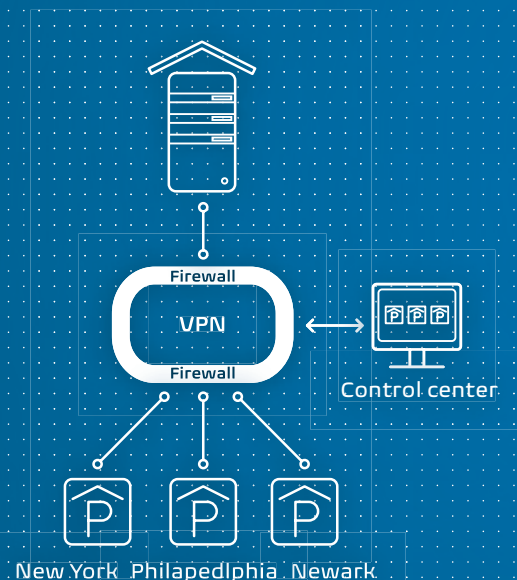
In-house server

Single server



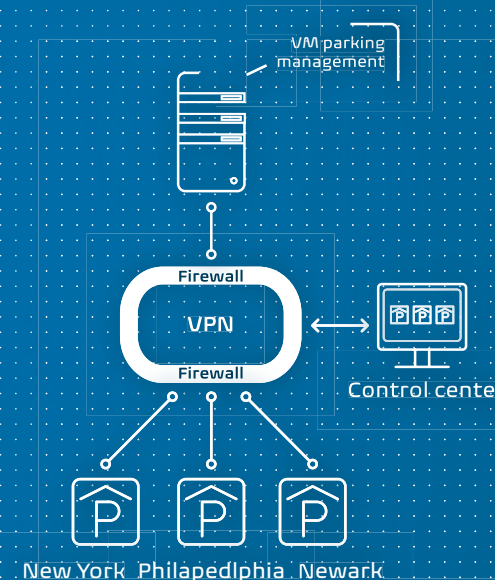
In-house server

Central server

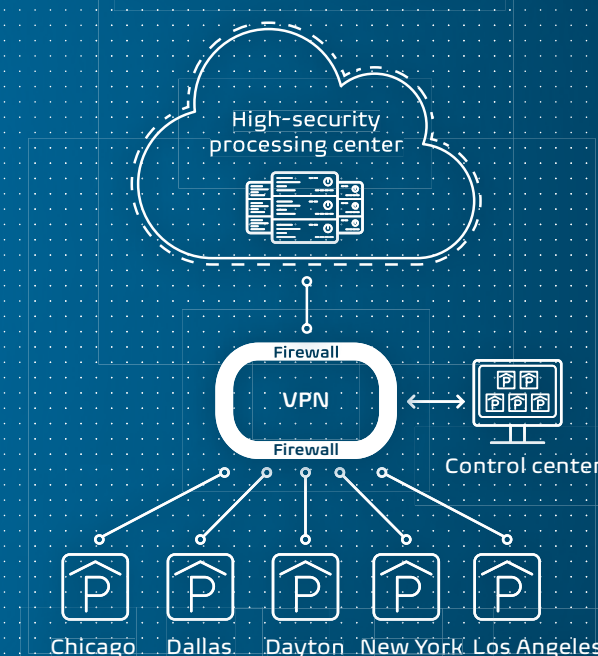


In-house server

Server virtualization



ASP Cloud Service



DESIGNA
Server architecture

Taking networking to the next level.

Networking is the defining subject in many sectors. We recognized the opportunities for our customers over 20 years ago, which is why our system solution was designed with extensive networking possibilities for major national and international projects right from the start. The DESIGNA technology supports parking facility operators by providing a tailored solution for linking connected parking garages with one another via VPN (Virtual Private Network) and for tapping into potential synergies and savings effects. Incoming data packages such as speech and video information, external alarms or statistics are pooled together, monitored and evaluated in the national centers or international headquarters – guaranteeing a complete overview at all times. Implementing enhanced centralized capabilities, responding quickly to developing situations and assuming full control over monitoring and service functions in connected parking garages, e.g. at night, are no problem at all. The system solution from DESIGNA is ideally suited for operators of any size. It gives them the freedom to operate the parking facilities and structure the associated IT system however they see fit.

Server concepts

In-house server

The system is operated directly on a server situated at the parking facility.

- The operator is responsible for scaling, security, data backups, server technology and software updates
- Live access to all system data for the connected parking facilities
- Efficient use of system resources

Single Server: The server is located in its own parking facility.

Central Server: Multiple parking facilities are operated from a central server over a VPN.

- Option to connect to a central control room
- New parking facilities can easily be connected to the existing server
- All parking facilities run on the same software – new features and parking products can be activated quickly across all systems

Server virtualization: Several parking facilities are operated via VPN on a central server (operator) that is running the DESIGNA system software on a virtual server.

- Simple integration into the existing IT environment
- Suitable for integration into existing backup strategies
- Suitable for integration into existing monitoring systems
- VM (Virtual Machine) scalability
- All parking facilities run on the same software – new functions and parking products can be activated quickly across all systems
- Live access to all system data for the connected parking facilities

ASP Cloud Service

One or more parking facilities are operated over the internet (VPN) from a certified, high-security processing center in Kiel, Germany.

- DESIGNA experts are responsible for the server structure and software
- Guaranteed operational reliability and data security, live access to system data for the connected parking facilities
- Guaranteed protection against viruses and hacker attacks, automatic backups (daily)
- No costs for the server IT, hotline with direct access to the DESIGNA IT experts
- Additional parking facilities connected extremely quickly
- The latest software on all systems at all times
- Integration of new functions and parking products in no time at all

DESIGNA

ASP Cloud Service



ASP Cloud Service – the reliable route to increased security in the IT field.

In order to fully exploit the technical and financial possibilities of modern parking management, you need to be able to rely on a smooth-running, stable and optimally tailored IT structure. This requires a large investment in technology and expertise as well as many hours of work. Instead of installing separate servers in each parking facility or connecting multiple parking facilities to a central server, as is usually the case, DESIGNA is the only manufacturer in the world to offer its customers a cloud-based solution. For over 10 years now, DESIGNA has been offering its ASP (Application Service Providing) Cloud Service, which operates customer systems over the internet from a high-security and certified processing center. The ASP Cloud Service now handles over 50 million entries and exits every year. This is only possible thanks to DESIGNA's existing professional IT infrastructure.

With the ASP Cloud Service solution, DESIGNA is able to take over the fail-safe operation of the central server and give parking facility operators the option of renting sector-specific applications over the internet. This allows them to concentrate fully on their core competences while avoiding expensive investments in IT structures and expertise. This new format provides our customers with cost savings of up to 30 %. Operating risks resulting from server malfunctions and deliberate interference by third parties are reliably prevented. The ASP Cloud Service also allows for unlimited system scalability, from individual parking garages through to internationally networked systems. DESIGNA's recognized IT excellence in combination with the latest server technology has the phrase "system stability" taking on a new dimension.



Benefits of the ASP Cloud Service

- Complete control over every terminal in your system thanks to system-wide networking
- Economical – up to 30 % cost savings
- Scalable to any degree, it is extremely quick and easy to add new terminals or entire parking facilities to the central server
- Extremely high security standards thanks to automated backups, software updates and state-of-the-art, centrally installed maintenance tools
- Latest server technology ensures that the risk of manipulation (from within or externally) is minimized
- Extremely high levels of availability



DESIGNA

Training

Facilitator, adviser, partner –
DESIGNA service & training.

We offer customers a diversified range of service and training options, direct and in person, for our parking management solutions. These can be provided on-site at the customer's premises, at our headquarters in Kiel, Germany, online by our trained employees, via the telephone support desk or through the DESIGNA eCademy. The various options mean that customers can enjoy optimal support at all stages of the partnership.


DESIGNA
eCademy

DESIGNA eCademy. Completely informed.
Always and everywhere.


Our customers and partners have access to a special tool for the professional and efficient operation of the DESIGNA parking management solutions – the eCademy. This tool provides courses, tutorials, e-learning sessions and much, much more. The global eCademy platform is available to all registered participants 24 hours a day – whether new or experienced employees, whether novice or advanced training sessions. Consolidate existing knowledge or learn something new – whenever and wherever. Depending on the granted access level and the selected focus topics, the easy to follow multimedia content is freely available. This ensures that all employees are always kept up-to-date with the latest information.



DESIGNA eCademy - We are one




Log in with DESIGNA eCademy account




Guest access

DESIGNA eCademy login

Please log in with your personal DESIGNA eCademy user name and password





[Password forgotten](#)

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Service

DESIGNA service provisions. Tailored and versatile.

DESIGNA offers a wide range of services designed to ensure the consistently smooth and long-term operation of your parking management system – from ongoing professional maintenance and on-site servicing to repairs and spare parts provision. Moreover, it's all quick, effective and direct. DESIGNA customers can combine the modular service packages with one another to fit their specific requirements – and the different maintenance levels on offer ensure that all customers receive the best possible coverage.



For us, quality management is more than a buzzword.

The DESIGNA quality management system not only ensures that we consistently adhere to our high service quality, but that we constantly enhance it to benefit you. For us, this includes comprehensive support in the form of in-depth advice at each phase of a project as well as intensive training courses where we familiarize our customers with DESIGNA's products and generate genuine knowledge. This is the strongest proof that rather than just paying lip service to great customer service, DESIGNA turns it into something that our customers experience on a daily basis.



Benefits of DESIGNA Service

Improved service thanks to:

- Flexible maintenance and service contracts
- Extensive basic and advanced training (DESIGNA Training)
- Large range of consumables
- Quick delivery of spare parts
- High availability of customer services and support
- Quality management for high service quality



contact

DESIGNA Access Corporation

777 Oakmont Lane, #2000

Westmont, IL 60559

info@designaUSA.com

www.designaUSA.com