

Parking  
Technology

# HUB

# PARKING TECHNOLOGY

**JMS**  
Janus  
Management  
System

## The simple and versatile HUB software solution

**JMS** Janus Management System is HUB's Web based Parking Management System. This highly professional software solution allows you to manage multiple parking locations and different types of HUB equipment with the same easy and extremely intuitive user interface.

**JMS** is reliable, flexible, and perfectly adaptable; from the smallest installation, to the most

complex project with the highest traffic level. It is based on the valuable and long term experience that we gathered by partnering with our customers in their specific field of application, such as **Parking Operators, Airports, Municipalities, Shopping Malls, Hospitals, Universities, Hotels and Stadiums.**



### The advantages of the first tile-based User Interface for Parking.

#### JMS is intuitive:

- **Easy to learn.** JMS offers a very intuitive and user-friendly interface with virtually zero learning curve.
- **Easy to use wherever you are.** Use the JMS Mobile App solution to control your business at any time and any place.
- **Streamline your operations.** JMS simplifies your system management and business processes.
- **Cost-effective.** JMS boosts operational performance and improves process efficiencies, optimizing your resources.

#### JMS is flexible:

- **Scalable.** Its cutting-edge architecture makes it highly configurable and adaptable, to meet specific business requirements.
- **Adaptable.** Multi-user, multi-car-park and multi-equipment, for easy and effective management.
- **Powerful analyses tool.** JMS provides flexible reports, wide

process control and real-time business performance visibility.

- **Strategic.** JMS integrates a professional Business Intelligence dashboard for structured data mining which enables you to have live deep statistical analysis into a drag-and-drop visual analytics environment. Complex and rich statistical analyses can be accessible and easy to understand for everybody, allowing the whole organization to make data-driven business decisions.
- **Quick.** JMS provides rapid access to data and information to improve customer satisfaction.

#### JMS is powerful and reliable:

- **Error-proof.** Designed with a fault resistant architecture.
- **Robust.** JMS allows strong user access controls and quick and easy setup of permissions levels.
- **Secure.** Encrypted protocols ensure data security.
- **Cloud ready.** JMS drives down IT costs and lowers your risk when you implement our Cloud option. We manage server backup, maintenance, and regular updates to offer you a stress free reliable service.



**intuitive,  
user friendly**

**Accessible  
anywhere,  
anytime**

## features



### ▪ Web-Based application

For the first time, you'll be able to easily manage and control all your HUB equipment and HUB Parking Systems with one simple and versatile software solution. With JMS, you can centrally manage all your business processes from any web-based console.

### ▪ Mobile App

Choose the JMS Mobile App for the best possible user experience with smartphones and tablets.

### ▪ Web Services Integration

JMS easily and seamlessly integrates some key functionalities with your data: online discounts, web booking, mobile payment and more...

### ▪ Cloud Ready

Take advantage of our cloud ready solution, simplify your business and infrastructure and reduce your costs!

## strengths

### ▪ Cross Platform

JMS runs on several Operating Systems such as Windows, Mac OS, Linux, iOS, Android.

### ▪ SaaS Ready

The JMS software architecture offers a reliable multi-tenancy structure, to grant safe and secure availability as well as the ownership of the data.

### ▪ Multilanguage

Ideal solution for Multilingual environments. The Database fully supports Unicode and R2L languages.

### ▪ Expandable

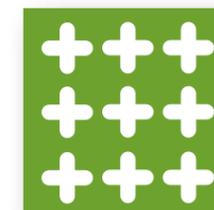
JMS adapts perfectly both to small and major installations: JMS' structure can be scaled both horizontally (adding more servers) and vertically (adding more server power).

### ▪ Reliable

The system is designed with a robust architecture and supports redundancy, thus ensuring high reliability.

### ▪ Designed for Parking Operators

JMS is the ideal solution for central control rooms with heavy load of data: the perfect and flexible tool for managing complex multi parking environments.



# MULTI SITE STRUCTURE

## Flexible and perfectly adaptable to any type of installation

JMS is a brand new, reliable Management System that integrates the application logic and the communication protocol of our previous management systems. This ensures a proven reliability of the system and it merges a valuable expertise in a new state-of-the-art system.

JMS is a very flexible tool and it is highly scalable and perfectly adaptable to any type of installation. It meets the needs of a centralized single point of supervision, allowing an easy view of all remote operations giving you the ability to make informed business decisions and improve customer satisfaction. The application is designed in order to avoid an overload of data and dramatically reduce the complexity of your infrastructure. You can select the locations that you want to monitor through

the Geolocalization Map and you can easily and remotely assist your customers through the integrated video streaming and intercom to communicate effectively with the customer through any peripheral on site.

### Extreme scalability

JMS is an extremely scalable solution, ideal both for single sites and multiple sites:

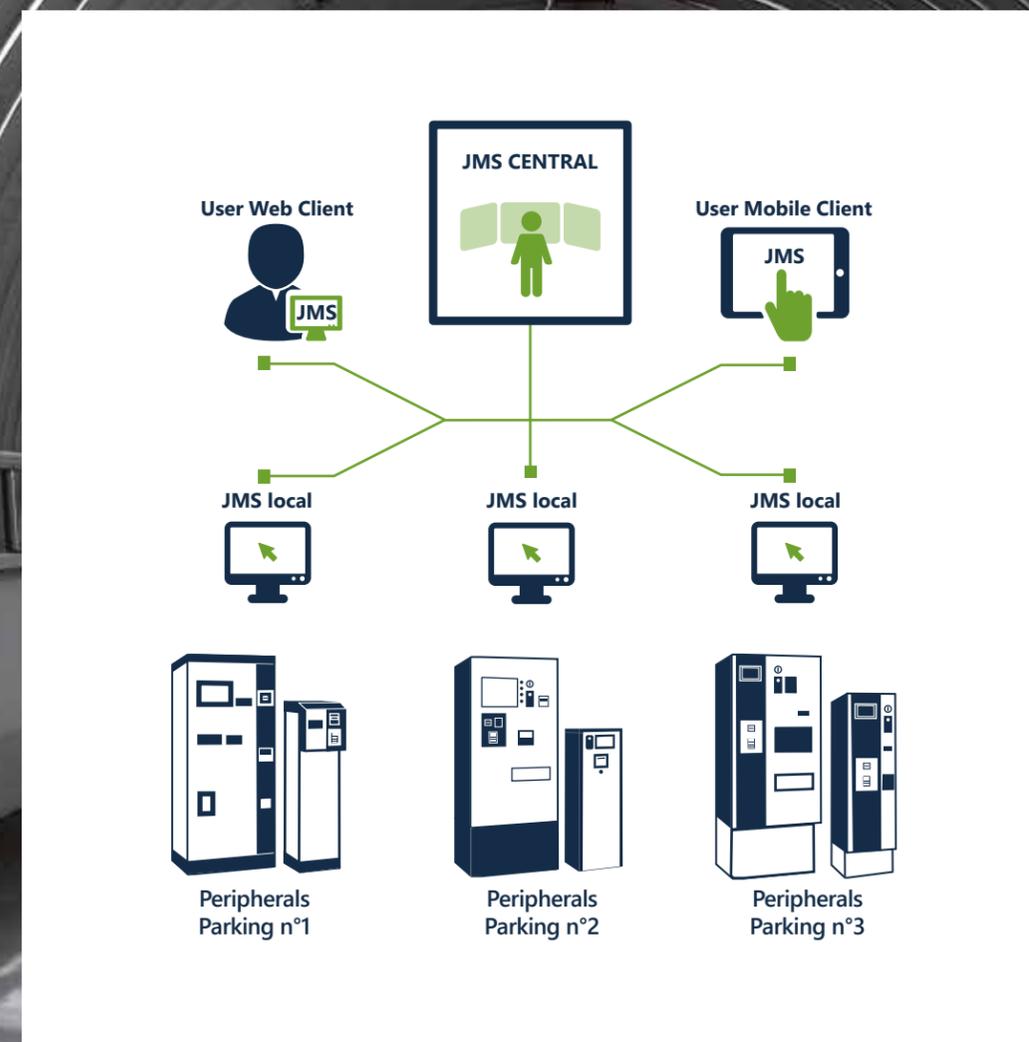
- Each single site is managed through the local application (JMS Local)
- In the Central Control Room, the JMS Central manages all connected parking sites, ensures all operations inside a multi-parking scenario, and integrates and aggregates all local databases in one

- Access either the central or the single Database through any device with a LAN/WAN/internet connection, a PC as well as a mobile device

### High flexibility

JMS perfectly adapts to any size of parking facility and any number of peripherals. From simple one entry/ one exit single sites to complex multiple parking facilities with heavy traffic and huge amounts of data.

JMS drives all functionalities to a higher level, allowing the client to manage his facilities from an extremely intuitive and performing platform.



# THE FIRST TILE- BASED UI

## Direct access to all the functionalities from the dashboard

- JMS is the first tile-based management system in the parking industry: it's extremely intuitive and user friendly.
- All front-end functionalities can be accessed directly from the main dashboard, enhancing efficiency and ease of use.
- Point and click on self-explanatory icons and drill down to the most detailed level of information without ever losing your reference and get back quickly and easily in the same way.
- Alarms and notifications and intercom functionalities can be managed instantaneously (being located in the constantly visible main function bar) allowing immediate action.

### monitoring

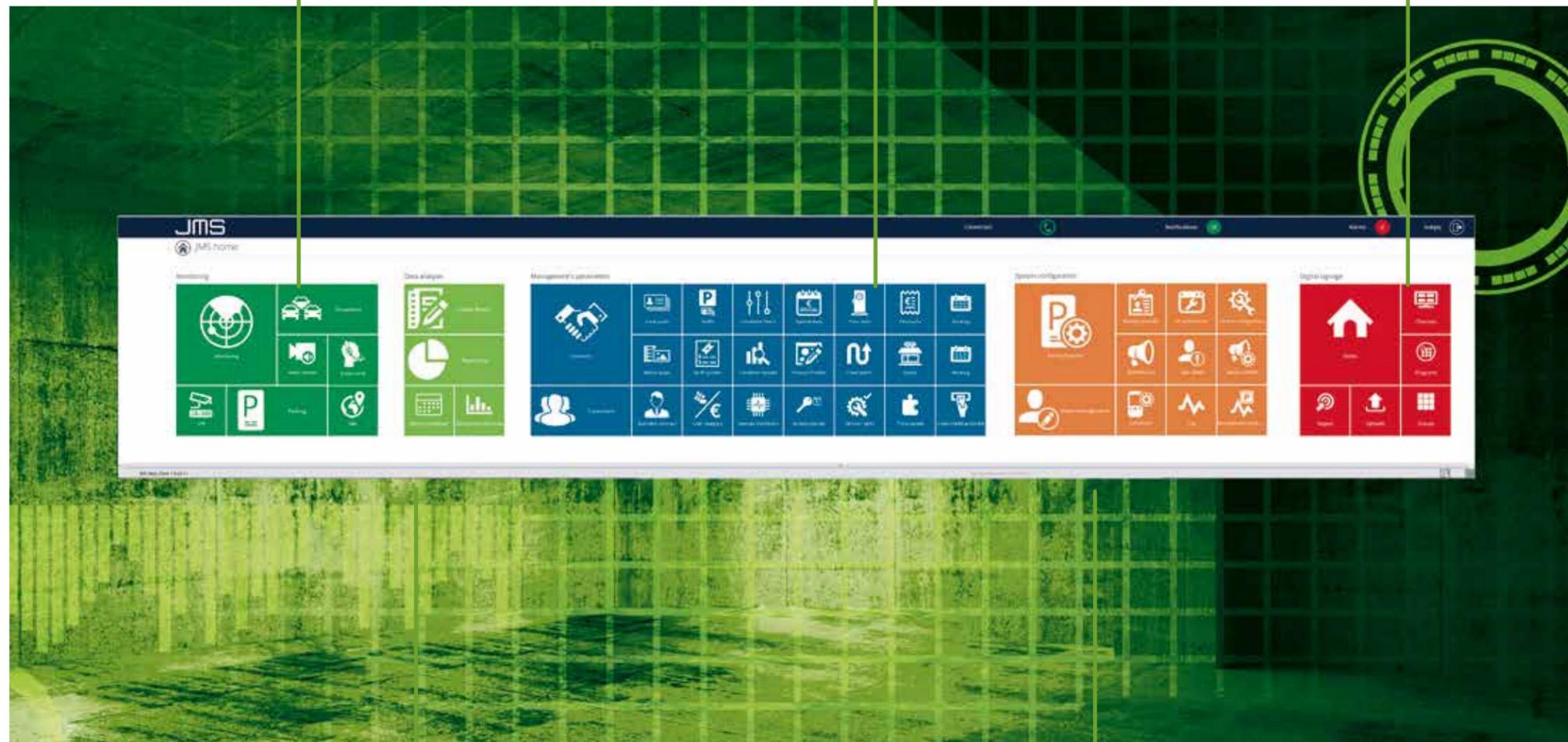
Area dedicated to the maximum interactive control experience to control devices and assist customers on site.

### management's parameters

Contract and transient parkers management.

### Janus digital signage

JMS also serves as a digital marketing device.



### data analysis

Full set of tools for analytical data-mining and dashboarding, from the preset report forms to the complex BI tool.

### system

Configuration page of the management system.

# #MONITORING

Superior  
technology  
at your  
fingertips

## • Device Detail

JMS' User Interface allows the complete view and monitoring of all standard activities that a parking manager should analyze for each specific device and peripheral.

## • Parking Structure View

Complete and detailed status of all parking facilities and peripherals. Data related to your facilities are shown both in a graphical and analytical way.

## • Parking Occupancy

Multi Tile View: Immediate and very clear real-time picture of the occupancy status of multiple parking facilities.



# #DATA ANALYSIS

**Reports & visualization for a better performing organization**

**• Reporting and Dashboards**

Scalable Reporting Capabilities: from Standard reporting to enhanced Business Intelligence based on a complete integration with Tableau© Server make it easy for multi-car-park operators to access and report on the large volume of data that is collected from all of the organization's facilities.

**• Forecasting and Prediction**

Very useful features such as Parking Demand Forecast and Parking Availability Forecast will help you increase your revenue, solve your parking challenges and improve the service you offer to your clients.

**• Geospatial Dashboards**

JMS provides a high impact location based performance dashboard to review all aspects of a multi-car park infrastructure in an integrated and interactive Geographical view of critical performance metrics to manage your multiple facilities efficiently.

**• Video and Audio Feed**

- Remote control with always on top video and audio feed.
- Easy to integrate JMS with other systems such as LPR, PBX, video stream



# #DIGITAL SIGNAGE

**Janus Digital Signage:  
engage your  
customers & grow  
your revenues**

- The multifunctioning JMS System not only facilitates the management of all your business processes, but also serves as a digital marketing device, allowing you to easily showcase video content and ads on any screen in your network (Pay Stations, VMS displays, dedicated videos, etc.).
- The system can provide access to various information resources, such as events, news, weather information, etc.
- JDS can also be made available to third-parties to display advertisements, offering nearby companies an excellent opportunity to increase their visibility and business and for you to drive more value to your business by opening an additional revenue stream.
- Content updates can be performed easily and in seconds for all screens through JMS. It's a cost-effective digital solution that produces a better customer experience, decreased costs, and a boost in revenue.

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