



Software for parking management and vehicle access control.

Smart Parking & Access Control: **intelligent management powered by Qentry.**

Qentry is a multi-user, web-based platform designed for access control and smart management of private, residential, or municipal parking facilities. The solution enables flexible management of permits, time slots, and parking duration rates.

It is ideal for environments such as campsites or residential complexes where access must be limited to a single vehicle per household: once the set threshold is reached, the system prevents further entry until the assigned spot is vacated, indicating availability status via indicator light bollards.

Furthermore, Qentry provides priority access for special categories such as emergency services, Law Enforcement, and suppliers, ensuring 24/7 automatic entry regardless of time constraints or standard restrictions.

KEY STRENGTHS



Qentry is the solution developed by Selea for vehicle access control and parking space management. It monitors available spaces, length of stay, rates, and authorized vehicle lists in real time.



Parking

Automated management for subscribers and paying users: fast access, dynamic pricing, and full control over parking spaces in a single solution.



Public Authorities

Automated access control for authorized users only: secure, guaranteed entry to public facilities with strict management of permits and traffic flows.



Industry

Gate automation: seamless management of employees, suppliers, and carriers with real-time monitoring of entries and exits for maximum security.



Hotel

Say goodbye to keycards and remotes: smart, automated access for customers. Greater autonomy, zero wait times, and flexible management with no staff required.



Camping

Control and management to guarantee access for a single vehicle per pitch. The system prevents additional entries, ensuring order and compliance with assigned spaces.



Residence

Smart single-spot management: the system recognizes the household and blocks access if the reserved space is already occupied by another vehicle.

Efficiency

Qentry transforms parking facilities into seamless, automated ecosystems. It eliminates overbooking and manual management, reducing operating costs. It guarantees total security and a frictionless user experience through real-time monitoring.

Smart Management

Manages reserved spaces for specific categories and family groups, preventing extra entries. It monitors occupancy in real time and ensures compliance with assigned spots.

Automated Rate Management

Automated cost calculation and dynamic rate plans. Offers detailed reports with images and Telegram notifications, eliminating keycards and simplifying payment tracking.

OVERVIEW



Key Features of Qentry

PARKING AUTOMATION EXCELLENCE MEETS TOTAL SPACE CONTROL FOR A SUPERIOR PARKING EXPERIENCE.

01

Web & Multi-User Architecture:

Multi-operator web-based platform with granular access permission management for each administrative profile.

02

Complex Area Configuration:

Flexible management of structured parking areas with multiple entry and exit gates.

03

User & Vehicle Management:

Profiling of registered users, time-limited accounts, and management of multiple vehicles linked to a single profile.

04

Space & Priority Control:

Spot reservation for specific categories or lists, with automatic access for unregistered users until available spaces are filled.

05

Dynamic Pricing Plans:

Setting multiple tariffs and automatic calculation of parking fees based on duration and vehicle category.

06

Security & Anti-Passback:

Advanced security features such as anti-passback and alerts for anomalous transits or stays exceeding the permitted limit.

07

Real-Time Monitoring:

Instant display of total occupancy and reserved spaces with automated reporting complete with images.

08

Search & History:

Intelligent search engine to cross-reference license plate data, categories, and transit points across the entire system history.

09

Automation & Events:

Automated synchronization with external databases and the ability to map custom actions to every event type.

10

Notifications & Integration:

Telegram alert system and full compatibility with third-party software for complete integration.

TECHNICAL SPECIFICATIONS

System Architecture and Core

- **Platform:** Web-based software operating as a Windows Service (10, 11, Server 2016/2019/2022/2025).
- **Scalability:** Management of up to 49 license plate recognition gates (Entry/Exit).
- **Compatibility:** Optimized for Selea ANPR cameras and integration with contextual cameras (driver face/vehicle details).
- **Interoperability:** Integration with third-party systems via APIs and exchange agents.
- **System Continuity:** Full system backup and restore included.



User Management and Access Control

- **Advanced Profile Management:** Time-restricted accounts (e.g., seasonal), notes, and photo/phone association.
- **Group Logic:** Linking multiple license plates to the same user (e.g., households) with dynamic limits on simultaneous entries.
- **Identity Verification:** Cross-referencing detected license plates with vehicle make, model, and color to prevent cloned plate usage.
- **Scheduling:** Access authorization with customizable weekly schedules by area, category, or individual user.
- **Special Categories:** Whitelist management for emergency vehicles, security, or suppliers (24/7 free or scheduled access).

Parking Space Management

- **Area Saturation:** Real-time monitoring of overall occupancy and individual space types.
- **Reserved Spaces:** Allocation of VIP, hospitality, or subscriber spots, restricting access once capacity is reached.
- **Guest Management:** Controlled access for a limited number of unregistered users (subject to space availability).
- **Emergency Mode:** Option for full gate opening during limited periods or critical situations.

Tariff and Payment Module

- **Dynamic Plans:** Configuration of hourly rates, time intervals, initial fees, or flat rates for long-term stays.
- **Exit Management:** Automatic fee calculation, cost display for the operator, and grace period management for free exit after payment.
- **Documentation:** Customizable transit receipt printing with Barcode or QR Code.

TECHNICAL SPECIFICATIONS

Security and Anti-Evasion Logic

- **Anti-Passback:** Strict entry/exit sequence control to prevent fraudulent credential use.
- **Behavioral Analysis:** Alerts for extended stays, excessively fast transits, or suspicious short-term re-entries.
- **Alias Management:** Creation of “alias license plates” to manage vehicles with damaged or dirty license plates.
- **Gate Automation:** Barrier control via camera output or ModBUS TCP/IP PLC (traffic lights and signage).



Event and Action Management (IF/THEN Logic)

The system allows mapping one or more automated Actions to every Event (e.g., Area Full, Access Denied, Pass-back):

- Pop-up display and acoustic alarms for the operator.
- Image (JPEG) storage and system logs.
- Activation of physical outputs on PLCs or cameras for gate and traffic light management.
- Sending notifications via the Telegram messaging system.

Search, Reports and Privacy

- **Smart Search:** Advanced filters by license plate (including partial matches), owner, category, event, and gate.
- **Automated Reporting:** Email delivery of daily reports on stays, occupancy, and anomalies.
- **Data Export:** Import/Export of master data and transits in CSV format with links to images.
- **GDPR Compliance:** Automatic data deletion based on preset time limits (Privacy Authority) or disk space.

Administration and Permissions

- **Multi-operator:** Profile management with granular permissions (view-only, user management, emergency opening, report export).
- **Custom Views:** Each operator views only the areas and categories within their scope.



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- HARDWARE MANUFACTURING
- SOFTWARE DEVELOPMENT
- IN-HOUSE RESEARCH & DEVELOPMENT
- 100% MADE IN SELEA



PROFILE

Selea is a manufacturer specialized in ANPR solutions for access control, homeland security, and traffic monitoring. Every solution is entirely designed and manufactured in Italy by Selea, an integral part of the TTM Technology group of TTM Spa.

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THE GROUP

TTM TECHNOLOGY

It brings together various entrepreneurial initiatives with the aim of creating innovation and 'Made in Italy' excellence. Three companies specialized in the production of complete systems for urban mobility, license plate recognition, and smart video surveillance.

We support public entities, local police forces, system integrators, and design firms in making roads and cities safer and smarter.

