ROSSLARE

Networked Control Panels

The ultimate networked control panel solution with flexibility built-in

The Rosslare market-proven series of networked control panels are at the heart of Rosslare access control solutions. Optimized to meet the full range of today's customer requirements, the controllers feature 2,4 and 6-reader models with a variety of expansions and a proven installed base of more than a million doors across the globe.

Boasting sophisticated design and performance to fit projects of any size and complexity, Rosslare controllers are ideal for new installations, as well as the replacement of existing systems. The controllers are comprehensive, modular and versatile, and can be easily scaled to handle anything from a single facility to multiple remote sites.

All controllers are equipped with a professional enclosure, and are fully powered by our AxTraxPro™ access control management software that enables setting automated physical access control policies across facilities, perfect for today's most demanding users and organizations. The AC-825IP controller is also compatible with our QxControl cloud-based video management and access control platform, providing an advanced, unified solution for seamless monitoring and control. Both AxTraxPro and QxControl can manage thousands of Rosslare networked control panels supporting hundreds of thousands of users, delivering enhanced security with excellent scalability and performance.

AC-825IP

Networked control panel & Expansions

AC-825IP

R-805

Adds additional 16 outputs

S-805

Adds additional 16 inputs

D-805

Adds additional 4-door expansion

P-805

Adds additional 16 inputs & 8 outputs

The AC-825IP 6-door networked control panel communicates securely using AES 256-bit encryption, with the management platform over TCP/IP connected to all access points, enabling implementation of the required access policy within a protected area. The AC-825IP features a wide range of expansions, making it ideal and cost-effective for projects of any size, from small to large or multi-site with high door count. The AC-825IP offers all the features of the QxControl and AxTraxPro platforms, with digital logic, non-volatile memory, and a backup battery to continue implementing all access rules even without continuous connection to the network or power.

Designed with installers' needs in mind, the AC-825IP has everything that professional installers need in a scalable networked controller. State-of-the-art bidirectional push communication and expandability with plug-and-play expansions bring system configuration flexibility to a new level. Equipped with a highly functional, stylish enclosure with built-in illumination bar, smart cable management, split power supply and many other features – the AC-825IP stands out from the crowd.

The AC-825IP is compatible with 4 types of expansion boards that communicate over OSDP. Supports either 6 readers via OSDP or 4 Wiegand and 2 OSDP readers simultaneously.

Key features and advantages

- High number of access points per single AC-825IP controller, supporting 12 expansions via OSDP Secure Channel protocol
- Offline Mode Operation – access control policy and door automation schedules keep working even when network interruptions occur
- Up to 16 credentials per user with a wide range of built-in access policy options included
- Antipassback rules to prevent illegal access by door, by time or global
- Easy configuration of Access Point Interlock rules allow creation of simple two-door "man traps" and highly customizable interlock scenarios in groups
- Advanced communications including SNMP V3 and "Push" reduce network load, improved efficiency and higher security
- Secure, lockable power-management enclosure with built-in illumination bar
- Speed of installation – designed without compromise to make installers' lives simple while reducing installation time and complexity, allowing quick troubleshooting and system maintenance
- Power plug lock and power level status logging and monitoring using AxTraxPro for AC Mains and UPS Battery operation

Networked Control Panels

AC-215IP/AC-225IP/AC-425IP

Networked control panels & Expansions

AC-215-B/AC-215IP-B

2-readers controller

AC-225-B/AC-225IP-B

2-readers controller + expansion option

AC-425-B/AC-425IP-B

4-readers controller + expansion option

MD-D02B

Adds additional 2 readers, 4 inputs and 4 outputs (AC-225-B/ AC-225IP-B)

MD-D04B

Adds additional 4 readers, 4 inputs and 4 outputs (AC-425-B/ AC-425IP-B)

MD-D08B

Adds 8 additional inputs and 4 outputs (AC-225-B/AC-225IP-B and AC-425-B/ AC-425IP-B)

Rosslare's series of networked control panels (AC-215IP-B / AC-225IP-B / AC-425IP-B) offers 2 and 4 reader models, communicating over TCP/IP or RS-485 and with various expansion options. Fully managed and driven by Rosslare AxTraxPro software, the system provides an ideal modular and expandable solution to all needs and budgets. Entry-level access controllers bring a cost-effective solution to smaller sites, while controllers at the top of the range are suitable for high-demand, large-scale projects.

Key features and advantages

- Secure Lockable Power management enclosure with built-in illumination bar
- Highly flexible and applicable to any type of project, enabling implementation of cost-effective solutions for customers
- Up to 1000m extended wiring range for serial subnetwork
- Allows different types of panels to be installed on the same server
- Supports 16 credentials per user with flexible policy options, including Antipassback rules to prevent illegal access by door, time or global
- Quick Access Point Interlock rules configuration enables the creation of two-door "man traps" with customizable interlock scenarios and easy to manage rules, groups and more

Compatible software products

The networked controllers are compatible with any standard Wiegand peripheral device, including Rosslare readers, biometric terminals and accessories – all fully managed by the AxTraxPro management software. The AC-825IP networked controllers are also fully compatible with QxControl cloud management software.

AxTraxPro™ Management Platform

QxControl Cloud Platform

Global certifications and compliance

Rosslare is a market leader in regulatory compliance, backed by leading authorization bodies and labs, including industry certifications such as CE, FCC, UL, EAC, BIS, NOM and UKCA. We take certification and regulatory compliance seriously to ensure the security and safety of our products and customers. Rosslare also holds ISO 9001 and ISO 14001 certifications, including the most demanded ISO 27000 series for cybersecurity. Rosslare is a proud member of SIA – Security Industry Association.

ISO 9001 · ISO 13485 · ISO 14001 · RoHS · UL · CE · FC · TÜVRheinland CERTIFIED · SIA

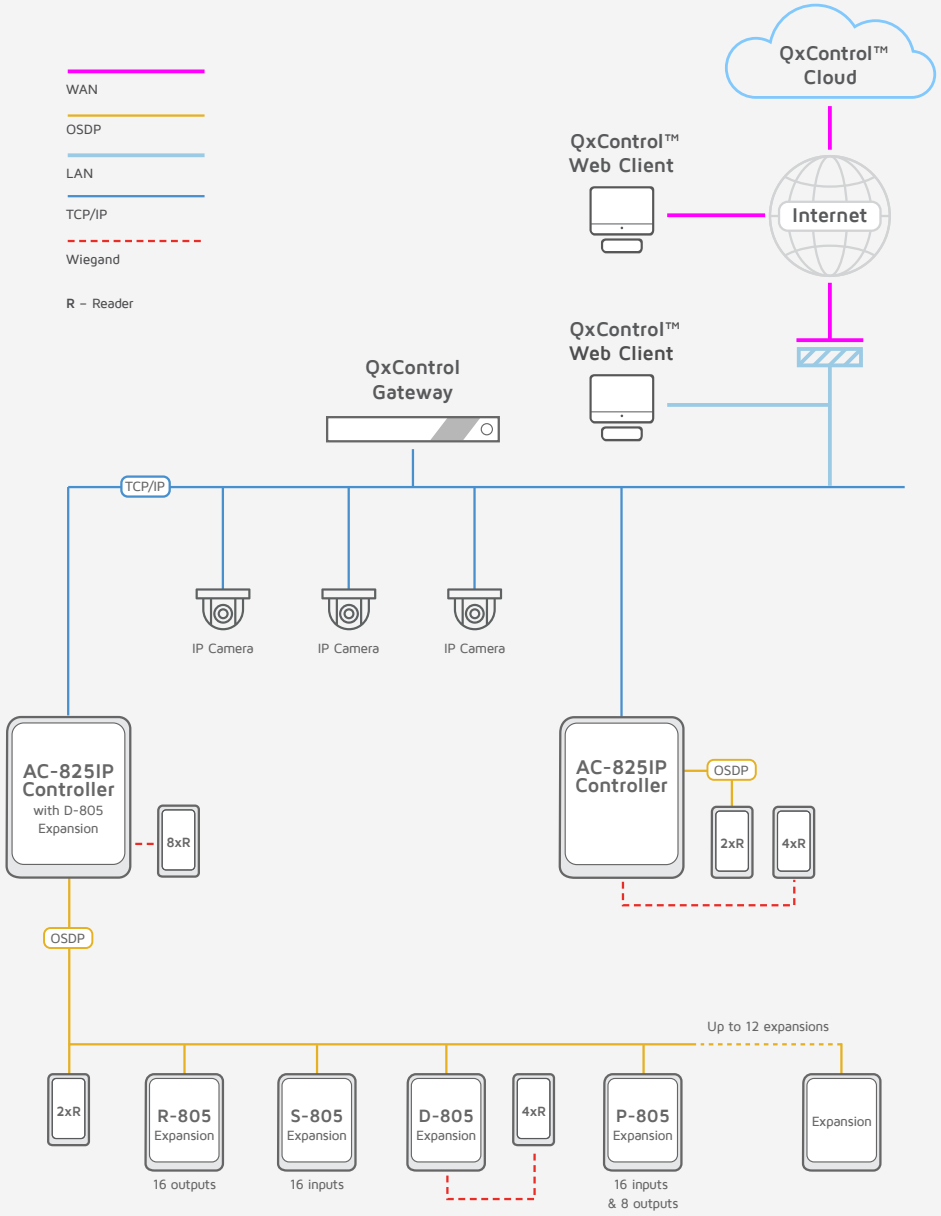
Fit for any industry and application

Rosslare's series of networked control solutions are flexible and versatile to serve the diverse needs and applications of large and small organizations across multiple industries.

Education · Healthcare · Banking & Finance · Enterprise & Corporate

Data Centers · Smart City · Residential · Retail

QxControl system configuration



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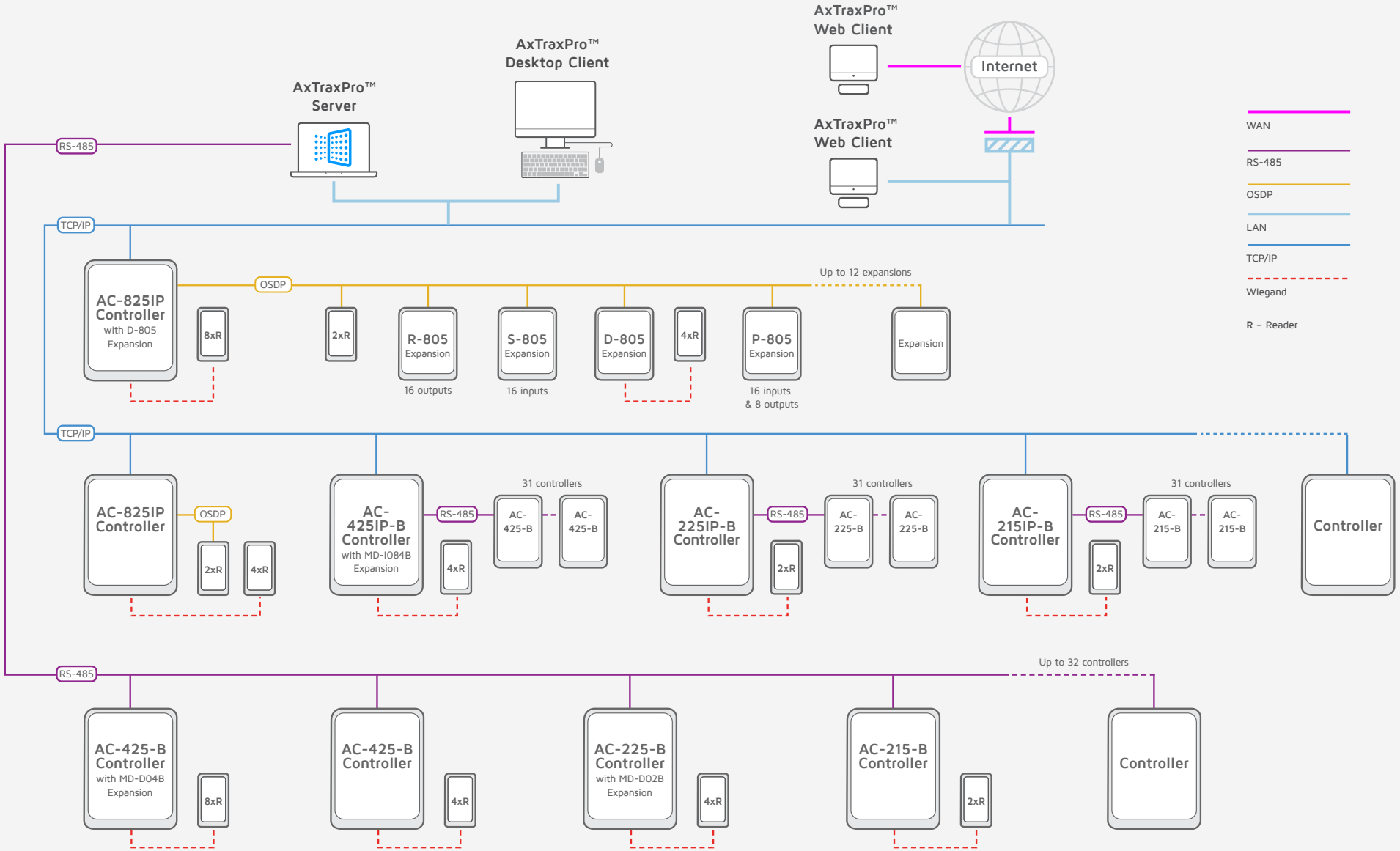
AxTraxPro system configuration