Unified Elevator Control for Modern Buildings

One policy engine. One user experience. Any elevator.

AxTraxPro™ brings elevators into the same modern, policy-driven platform. It supports destination dispatch via secure server-to-server APIs for real-time car assignment and floor authorization, while seamlessly accommodating legacy elevators through direct I/O control to enable or block floor selections and calls. Backed by 40+ years of Rosslare access-control expertise, the result is faster journeys, smoother lobbies, and precise floor-level permissions; all managed from one unified interface. Credentials, policies, and audit trails stay consistent across doors and lifts, scaling from a single mid-rise to multi-tower campus without ripping and replacing your infrastructure.

AxTraxPro™ Integration for Destination Elevator Control

Centralized access & destination elevator control for enhanced security

Rosslare AxTraxPro delivers an end-to-end access control solutions with powerful integration capabilities that supports Elevator Destination Control. This integration enables seamless access and destination control from the AxTraxPro platform, enhancing operational efficiency and security within multistory buildings, providing a unified platform to manage both site access and elevator access.

Key features and benefits

Access and Destination Control

Integrating into Elevators Destination Control server/ systems and enabling site users elevator authorizations to direct authorized users to authorized floors optimizing elevator usage and reducing wait times while utilizing the same credential for both Access Control and Elevator Access. The integration allows full control from one interface on the elevator access management and provide the tools to configure access rights per user.

People Flow Behavior Insights

AxTraxPro integration provides analytics on how people move throughout the building, enabling smarter access management, better floor traffic flow, and enhanced security. Allow setting a home floor to reduce wait time and improve people flow by calling the home floor by swiping a card.

Advanced Access Control

Set user access permissions for specific floors, priorities, elevators, zones, doors, and speed-gates, while utilizing AxTraxPro access rights, allowing only authorized personnel to reach designated levels and locations across the premises,
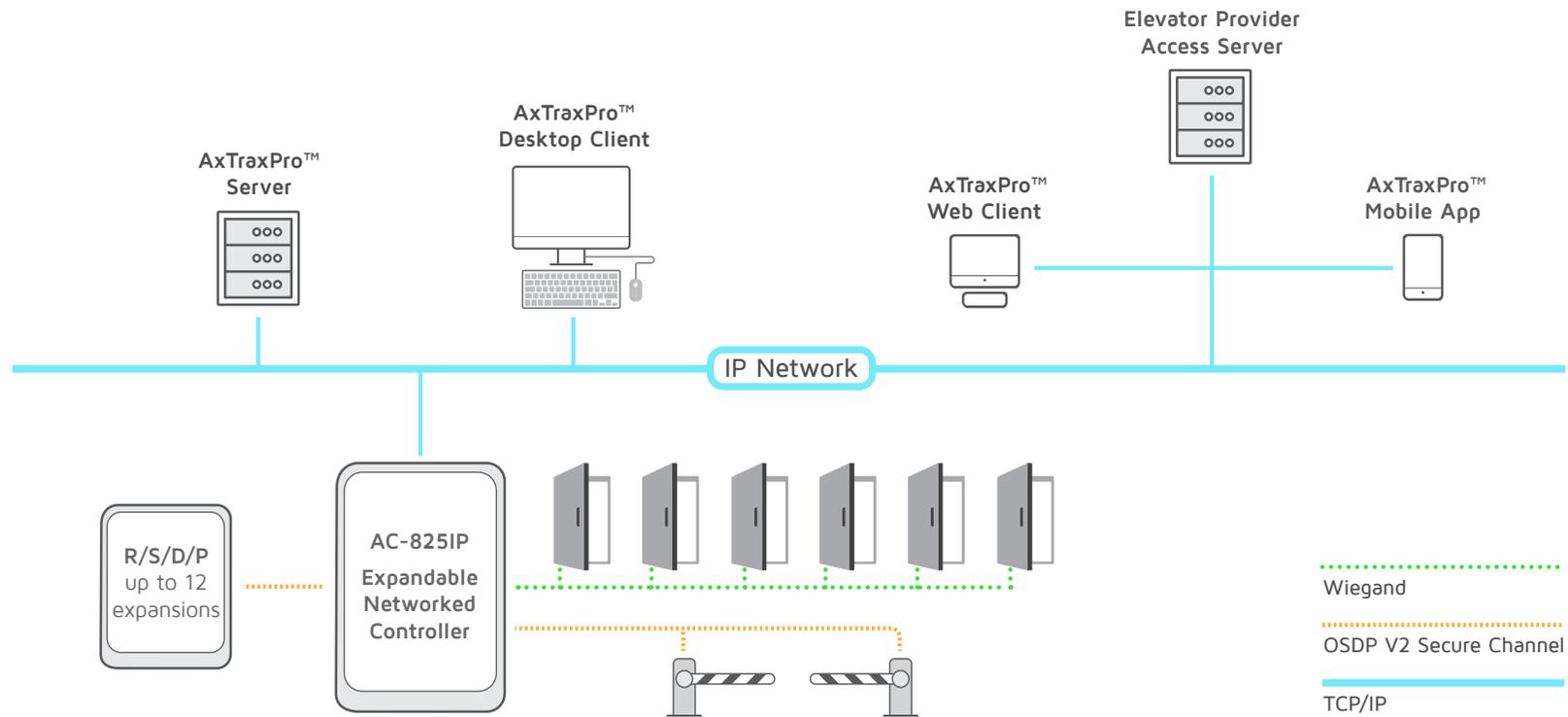
Real-Time Synchronization

Instant updates across systems ensure that any change in AxTraxPro user elevator access rights is immediately updated on the elevator management systems.

Easy Visitor Access

Using the AxTraxPro visitor registration stations or visitor self registration kiosks, visitors can easily gain access to the allowed floor by presenting a QR code voucher, this allows seamless operation and reduces human resource.

AxTraxPro™ Integration for Destination Elevator Control

System architecture diagram

Elevator Provider
Access Server

AxTraxPro™
Desktop Client

AxTraxPro™
Server

AxTraxPro™
Web Client

AxTraxPro™
Mobile App

IP Network

R/S/D/P
up to 12
expansions

AC-825IP
Expandable
Networked
Controller

Wiegand

OSDP V2 Secure Channel

TCP/IP

www.rosslaresecurity.com

ROSSLARE

Integration of conventional elevators with AxTraxPro™

Centralized access & legacy elevator control for enhanced security

Rosslare AxTraxPro delivers a complete access control solution that easily supports Legacy Elevator Control; no complex software integration needed. This approach uses the system's robust hardware, including readers and direct controller connections (relays, I/O, dry contacts), to enable or block floor selections and hall calls.

That allows to extend the full power of access policies, including permissions, schedules, and audit trails, to every conventional elevator across your building or multi-tower campus, all managed from one central interface.

Key features and benefits
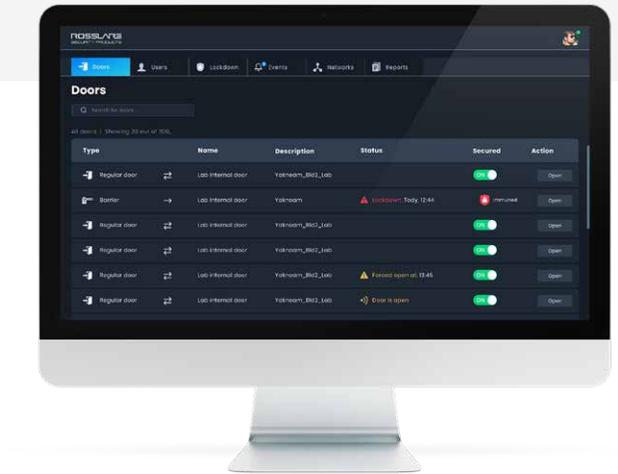
Compatibility and Legacy Elevator Support
Compatible with any elevator that supports contact-based connection, seamlessly without the need for complex integrations or custom protocols and so on, maintaining transparency and user management that only an access control system can provide.

Contact-based Floor Enablement
Controller relays energize floor buttons for authorized users, applying per-floor rules and schedules to reduce unauthorized movement.

People Flow & Reporting
AxTraxPro provides event logging and movement insights based on reader and controller data, supporting smarter access decisions and audit readiness.
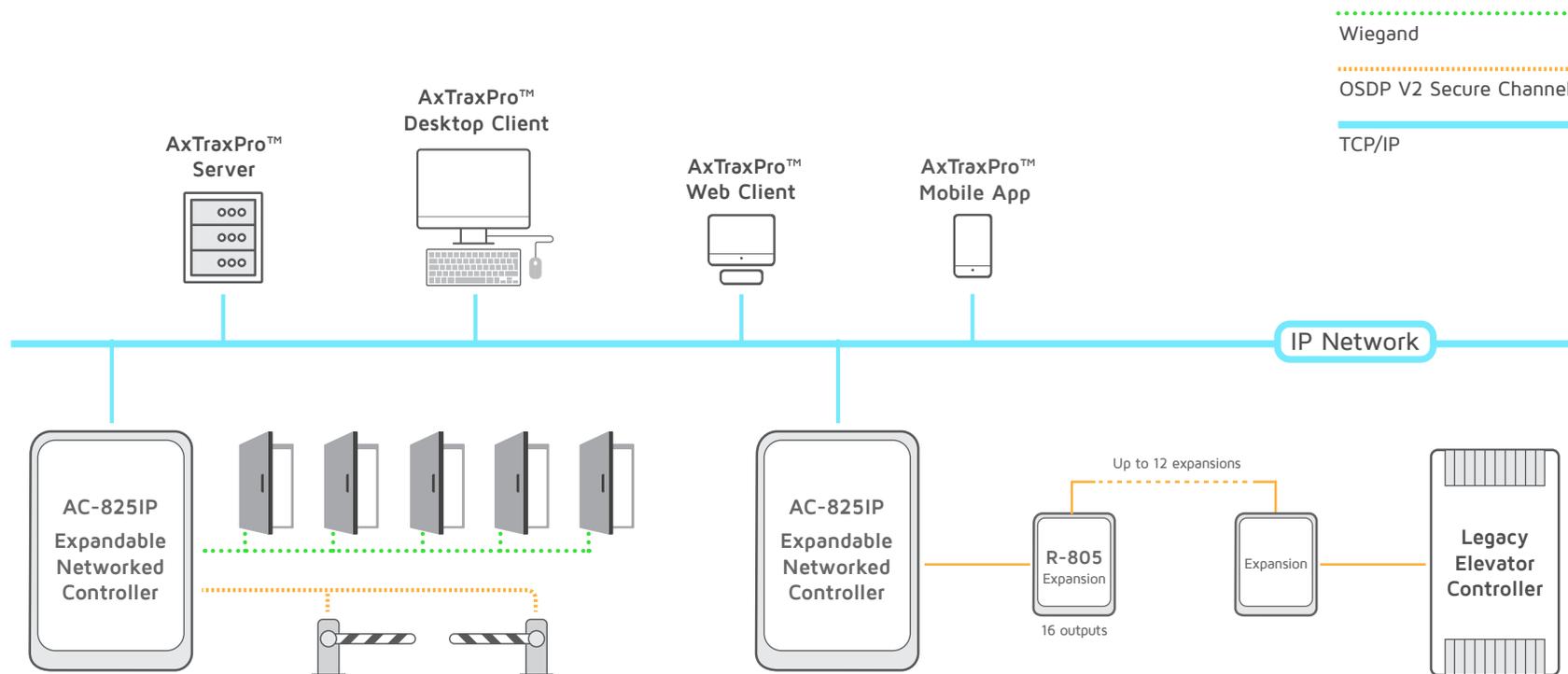
Advanced Access Control
Set user permissions for specific floors and doors utilizing access rights, allowing only authorized personnel to reach designated levels and locations across the premises.

Real-time Synchronization
Instant updates across systems ensure that any changes in AxTraxPro user access are reflected in elevator control, with full event trails for compliance.

Integration of conventional elevators with AxTraxPro™

System architecture diagram

Wiegand

OSDP V2 Secure Channel

TCP/IP

AxTraxPro™ Server

AxTraxPro™ Desktop Client

AxTraxPro™ Web Client

AxTraxPro™ Mobile App

IP Network

AC-825IP Expandable Networked Controller

AC-825IP Expandable Networked Controller

R-805 Expansion

16 outputs

Up to 12 expansions

Expansion

Legacy Elevator Controller

ROSSLARE

Integration of conventional elevators with AxTraxPro™

IP Network

AxTraxPro™
Server

AxTraxPro™
Desktop Client

AC-825IP

Expandable
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Controller

R-805
Expansion

Wiegand

OSDP V2 Secure Channel

TCP/IP

Relay

ROSSLARE