

# AxTraxPro™

## The All-purpose Access Control Management Software

Rosslare introduces the new AxTraxPro client-server management software that enables setting automated physical access control policy across facilities, perfect for today's most demanding users and organizations. The system can manage thousands of Rosslare networked access controllers and users, providing enhanced security with excellent system scalability and performance.

AxTraxPro offers a friendly desktop, web & mobile app clients that allows system operators to locally or remotely manage their on-premise AxTraxPro servers.

Integrated with video management systems and combining Rosslare state-of-the-art access control components – including controllers, readers, credentials and other peripherals – the complete ecosystem is optimal for almost any need.

# Flexible and feature-rich management software

AxTraxPro enables organizations to meet their dynamic needs with agility and performance like never before.

Leveraging a set of features designed to maximize utility and security, AxTraxPro includes new tools to save time and resources when building the physical access control environment.

## Mobile app & web clients

For on-going management of the on-premise AxTraxPro server. Operators can access the system from their web interface and mobile phones for daily tasks.

## Enhanced security

Communication is secured from the credential all the way to server using advanced encryption algorithms. Session-based security for bullet proof access avoiding man in the middle or replay attacks.

## Lockdown

For lockdown groups & immunity configuration and management, provides emergency response and enhanced control mechanism for stopping access rights in any group of access points, allowing securing, clearing, and controlling the facility quickly and effectively in the affected areas.

## Up to 16 credentials per user

Supports Face-ID, Fingerprint, PIN-Codes, RFID cards, UHF Tags, NFC-ID, BLE-ID and LPR for vehicles.

## Role Based Management

Powerful capability that allows organizations to define exactly what each operator can see, access, and control within the system. With granular permissions and dynamic filtering, each operator receives a personalized interface that reflects their responsibilities.

## Centralized user management

Enhanced access control policies such as access groups, interlock groups, antipassback and more. Managing user information, photo, access credentials and related access policies, using new secure login process with dual-factor authentication dialog. LDAP and LDAPS integration to enable secure and easy user management.

## Alarm management and reporting

Alarm management workflow across devices and smart links automations ensures that your security center is responsive. Email notifications make sure the right people are informed. For a secure audit trail, the reports module allows creation of instant, custom and insightful reports for operations administration.

## Time and attendance

Built-in capability of generating attendance reports with pre-set formats, automatic and customized reports that can be exported and used by accounting systems.

## Car parking management

Integrated with third-party and Rosslare products for automated gate opening and touchless experience. Including UHF readers, license plate cameras, and mobile credentials, along with fundamental features related to parking occupancy management and control.



## Growing integrated platform

Experience next-level security and effortless management with AxTraxPro integrated solutions. This integrated platform leveraging automate access policies, manage users across multiple sites, and gain centralized control – all from a unified user-friendly interface.

### Video Integration

Supports leading VMS platforms enhancing security by providing real-time visual verification, allowing operators to instantly verify events. Enables seamless event recording and retrieval, improving incident response and investigation efficiency.

### Integrated Biometrics

Supports variety of devices to enable improved facility security. Simple-to-use and encrypted template distribution make it ideal for large-scale deployments. Improves user experience by allowing quick, touchless entry without the need for cards or PINs.

### Elevator Destination Control System

The integration improves security and optimizes people flow by directing users to their assigned floors, reducing wait times and elevator congestion. Allows access restriction based on organization policies, making traffic smooth and easy to manage.

### License Plate Recognition (LPR)

AxTraxPro integrates with supported Wiegand enabled LPR cameras to streamline vehicle access and enhance security. This allows for automatic recognition of license plates, enabling quick and secure entry for vehicles.

### Intercom Integration

AxTraxPro integrates with cloud based intercom solution to facilitate and enhance entry management. This allows for secure and efficient visitor verification.

## Benefits that resonate across the organization

- + Globally proven software with tens of thousands of active installations
- + Flexible features make it easy to manage, install and use for enhanced productivity



- + Scalable to enable implementation of projects from a single door to thousands of access points
- + Easily integrates with any third-party software and tools using dedicated REST API
- + Wide range of Rosslare Networked Controllers and Expansions to win projects with custom fit feature-set and price point

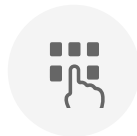
## Wide credentials coverage with distinction

The AxTraxPro caters to various users in the organization, from standard users with a single credential to ones with mobile devices, vehicle, multiple cards, biometrics and more.

AxTraxPro recognizes the credential type used, and can enroll multiple credentials per single user, enabling dual-factor authentication for high security areas.

AxTraxPro is compatible with the full range of credentials technologies, enabling multiple enrollment stations to be deployed in distributed organizations.

### Credentials technologies supported by AxTraxPro™



PIN code



NFC



BLE



UHF tags



Car license plate



RFID card



QR code



Fingerprint biometrics



Face biometrics



## End-to-end access control

AxTraxPro enables Rosslare intelligent controllers, expansions, and readers to operate using the Open Supervised Device Protocol, a widely adopted requirement in high-security and mission-critical projects. The OSDP standard, together with the Secure Channel Protocol, delivers highly secure, bi-directional communication and advanced security features between OSDP devices. Rosslare's OSDP implementation is fully compliant with SIA standards, ensuring seamless interoperability with third-party readers and controllers.

Communication between controllers and the AxTraxPro server is protected using 256-bit encryption. AxTraxPro provides true end-to-end security from the credential to the server through industry-standard AES encryption and HTTPS. Session-based security mechanisms protect against man-in-the-middle and replay attacks, while enforced password policies and multi-factor authentication (MFA) strengthen operator access control.

The platform also supports secure SNMP for monitored network environments. Web clients enable secure remote access using a zero-trust approach, allowing authorized users to safely manage on-premise systems remotely without exposing servers to the public internet or relying on traditional VPNs.

## Web client

Leveraging web technologies to allow operators, managers and administrators to control and manage their AxTraxPro software locally or remotely, including friendly web interface designed for ease of use and enhanced productivity.

### MAIN FEATURES

#### Door management

Remotely release a door manually or using a timer, view managed doors with quick search, and monitor status of each door live by view its status (open/close), engaged alarms, users view per door and much more.

#### Users management

Managing access ID holders, operators and visitors, with a Table view, Quick Search, User Form, Set Valid Dates, Set Counter, Credentials management, Access Groups, Handicap/Accessibility Level, Tracking User Access Events, and more.

#### Lockdown

Managing lockdowns, including groups, modes, and users' immunity settings to a lockdown group.

The screenshot shows the 'Users' management interface. At the top, there are navigation tabs for 'Doors', 'Users', 'Lockdown', 'Events', 'Networks', and 'Reports'. The 'Users' tab is active, showing a search bar and filters for 'All Types', 'All Departments', 'All Access Groups', and 'Active'. A grid of user cards is displayed, each with a profile picture, name, department, and access level. A modal window is open for 'Corey Bergson', showing his profile details, access group (Employees), access level (L8), and a table of recent access events.

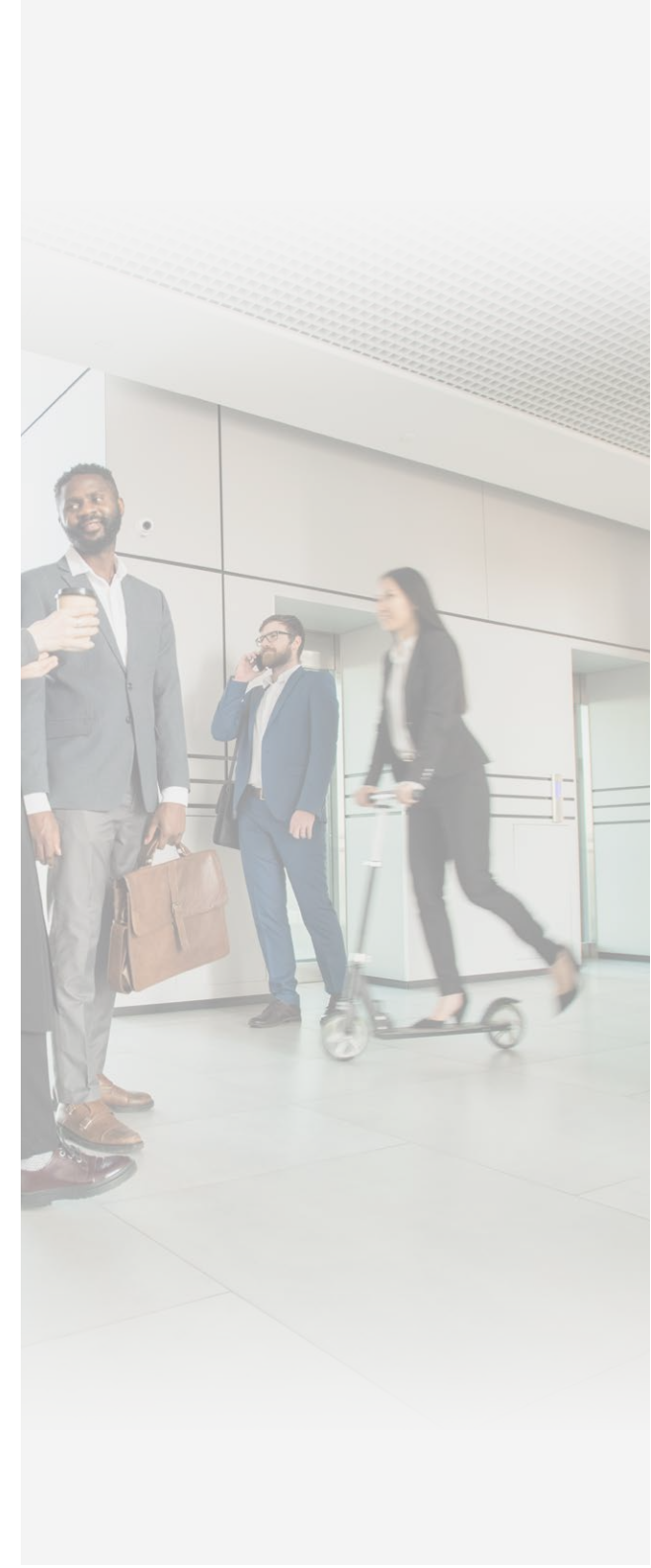
Type	Name	Event name	Source	Time
Regular door	Lab Internal door	Entrance	Finger print	Today, 04:26pm
Barrier	Parking 01	Entrance	Finger print	Today, 04:26pm
Turnstile	Parking 01	Entrance	Finger print	Today, 04:26pm
Regular door	Lab Internal door	Entrance	REX button	Today, 04:26pm
Regular door	Lab Internal door	Entrance	Card reader	Today, 04:26pm

#### Events, alerts and reports

View events as they occur and use historical information to generate a variety of reports from ready-made and customized templates.

#### Network management

Simple to use management interface for system operators showing the details of all the hardware and peripherals in the system, including connectivity and operating statuses.



# Role-based management

**Operators**

Enabled	Email	Display Name	Role	Last Login	Creation Date	Actions
<input type="checkbox"/>	Owner	James@gmail.com	Miller	Administrator	23.12.2025, 9:33:09	23.12.2025, 9:30:01
<input type="checkbox"/>	<input type="checkbox"/>	Oliver@gmail.com	Jones	New York office	23.12.2025, 9:31:35	23.12.2025, 9:30:33
<input type="checkbox"/>	<input type="checkbox"/>	William@gmail.com	Smith	Arizona Office	23.12.2025, 9:32:07	23.12.2025, 9:26:17

**Roles**

Name	Description	Assigned Operators	Actions
<input type="checkbox"/>	Administrator	Role for administrators	<a href="#">View list (1)</a>
<input type="checkbox"/>	Unauthorized	Role with no permissions	<a href="#">View list (0)</a>
<input type="checkbox"/>	New York office	Role for administrators	<a href="#">View list (1)</a>

An advanced permission framework that provides complete visibility and control across the entire system. Administrators can configure who sees what - from doors, controllers, users, sites, tenants, reports, logs, and events, all the way down to specific system actions.

This functionality enables organizations to create tailored, noise-free environments for each operator or department, supporting complex operational structures such as multi-site deployments, multi-tenant buildings, distributed enterprises, campuses, and service providers.

With customizable views and action-level permissions, AxTraxPro ensures focus, reduces human errors, enhances security, and delivers true role-based management for physical access control operations.

## MAIN FEATURES

### Granular permission settings

Define visibility for devices, doors, users, events, sites, and tenants.

### Custom operator views

Tailor dashboards and menus per operator group.

### Action-level restrictions

Control which system commands are available to each profile.

### Dynamic filtering

Automatically filter large systems by building, floor, tenant, department, or zone.

### Multi-site segmentation

Isolate buildings or campuses per operator to prevent cross-visibility.

### Multi-tenant ready

Multi-site architecture also serves multi-tenant environments..

### Cleaner interface

Educes operator noise for more efficient daily tasks.

### Improved security

Protect sensitive information with strict visibility boundaries.

### Identity management

Advanced framework that provides complete visibility and control over managed identities.

### Scalable structure

Supports complex organizations with hundreds of operators.

### Enterprise-ready

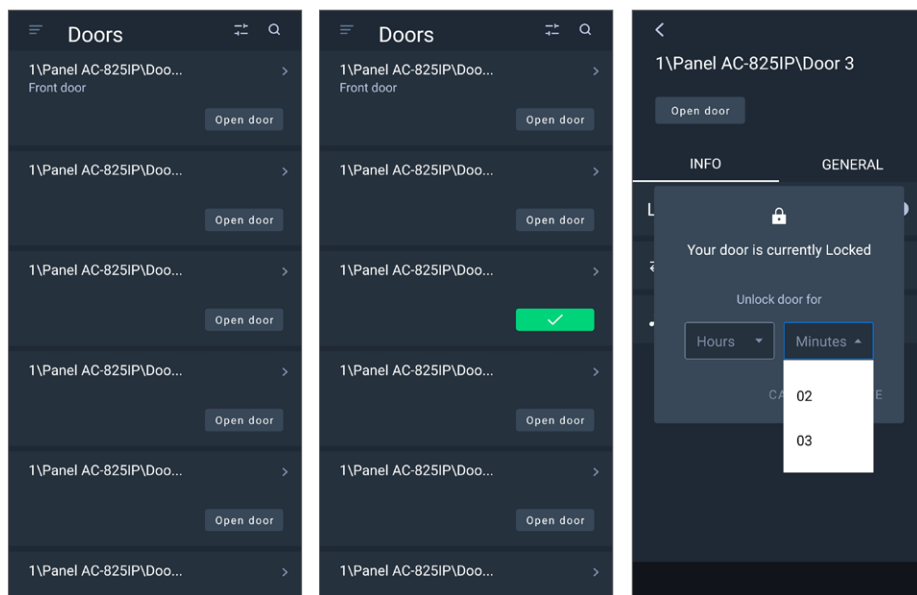
Ideal for MSPs, campuses, corporate environments, property management, and critical infrastructure.

## Mobile app

The mobile app<sup>1</sup> enables operators, managers, and administrators to locally or remotely control and manage their AxTraxPro software. It offers a user-friendly mobile application designed for easy execution of daily tasks.

### Door management

Release a door remotely, either manually or using a timer, view managed doors swiftly via quick search, and monitor the live status of each door by observing its open or closed status.



<sup>1</sup> Supported by AxTraxPro version 28.0.5.2 and below.

## Lockdown groups & immunity

The lockdown functionality of AxTraxPro allows organizations to develop their physical security protocols across multiple sites and access points. The lockdown group interface enables lockdown areas to be set ad hoc.

Each lockdown group is operated with the following options:

- Defined areas (groups of access points) that can be locked down manually or when triggered by a predefined security event
- Easy to set-up immunity assignment for users to override and have access during lockdowns
- Integration of lockdown with smart links automation to define the rules in which the system should behave when events occur in the access control panel
- Easy to define credentials such as PIN code or card, and system hardware inputs that enable lockdown or release lockdown modes
- Features a lockdown timer with remaining time display for full online and offline safety management

## Open for integrations with AxTraxPro™ RESTful API

AxTraxPro comprehensive API makes it easy to integrate and deploy various third-party applications, such as security, safety, and time & attendance. The API allows for access system functionality, controlling and monitoring many aspects of site access requirements.

# AxTraxPro™ Architecture Diagram

