

AxTraxPro™

Access Control Management Software

V28.0.2.7

Release Notes



1. General

- Product Name: AxTraxPro™ Server / AxTraxPro™ Desktop Client / AxTraxPro™ Web Client
- Product Summary: Setup includes AxTraxPro Client/Server, and prerequisite redistributables.

1.1. Release Overview

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.

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.

2. Related Documentation

The following documents for this release have been uploaded and are available from the Rosslare web site.

- AxTraxPro Desktop Client Version User Guide
- AxTraxPro Web Client Version User Guide
- AxTraxPro Datasheet
- AxTraxPro Brochure

3. Supported Hardware Products

- AC-825IP Networked Control Panel & Expansions
 - AC-825IP (Networked Control Panel built into ME-1515 Enclosure)
 - AC-825IP-PCBA (Control Panel Only)
 - R-805 - (16 Relay Output Expansion for AC-825IP)
 - S-805 - (8 Sensor Input Expansion for AC-825IP)
 - D-805 - (4 Reader door Interface Expansion for AC-825IP)
 - P-805 - (16 Inputs, 8 Relay Output Expansion for AC-825IP)

- AC-215IP/AC-225IP/ AC-425IP Networked Control Panels & Expansions
 - AC-215, AC-215IP, AC-215-B/215IP-B
 - AC-225/225IP, AC-225-B/225IP-B with MD-D02, MD-IO84 expansions
 - AC-425/425IP, AC-425-B/425IP-B with MD-D04, MD-IO84 expansion
- Rosslare BIO8000 Series Fingerprint Terminals
 - AY-B8520: Indoor networked optical fingerprint with 125 KHz (EM) RFID card reader
 - AY-B8550: Indoor networked optical fingerprint with 13.56 MHz (MIFARE) RFID card reader
 - AY-B8620: Outdoor networked optical fingerprint with 125 KHz (EM) RFID card reader
 - AY-B8650: Outdoor networked optical fingerprint with 13.56 MHz (MIFARE) RFID card reader
 - DR-B8000: USB 2.0 fingerprint enrollment scanner and desktop reader
- Rosslare BIO9000 Series Fingerprint Terminals
 - AY-B9120BT: Outdoor networked optical fingerprint with 125 KHz (EM) RFID card reader
 - AY-B9150BT: Outdoor networked optical fingerprint with 13.56 MHz (MIFARE) RFID card reader
 - AY-B9250BT: Outdoor networked optical fingerprint with 13.56 MHz (MIFARE) RFID card reader + LCD + 4 touch buttons and camera
 - AY-B9350: Indoor networked optical fingerprint with Face recognition + EM (125 KHz) and MIFARE (13.56 MHz) card reader
 - DR-B9000: USB 2.0 fingerprint enrollment scanner and desktop reader

4. Summary of New Major Features

4.1. AxTraxPro Desktop Client

- **Users**
 - An option was added to assign multiple access groups to a user.
 - An option was added to assign additional readers to a user. The additional readers are assigned in parallel to the access groups assigned to the user.
 - An option was added to the user filter to search for a user by department.
 - An option was added to the user table to change the column layout. Which columns to show as well as the order can be specified.
 - An option was added to print a card from the user form.
- **OSDP**
 - **Secure channel** - you can set the OSDP mode of the reader when it is offline or disconnected and have the reader updated when it is online again.
 - **Device information** - the PD capabilities are shown.
 - **OSDP LED and Buzzer** - you can set the configuration of the LED(s) and buzzer for a PD that is connected to OSDP and supports LED and buzzer commands.
 - Improved user experience - the configuration procedure for OSDP was made easier.
- **Hikvision** – integration with Hikvision MinMoe face recognition devices was added, see [Integrated Products](#).
- **AC Links** – an **Override lockdown** option was added to open a door during an active lockdown.

- **Card design**

- An option to add a new design by copying a current design as a template was added.
- The following database fields were added to the user card:
 - Middle Name
 - User Identification
- An option to add a border to the user card was added.
- An option to print multiple user cards at one time was added.

- **Reports**

- A **User credentials** report was added. It shows all the credentials and the credential statuses for each user.
- An option was added to include **Fields** and **User special fields** to the **Readers** report.
- An option was added to save a report with its original layout.
- A **User properties** column was added to the **User details** report.
- A user details report was added, allowing viewing of all user data.
- An option was added to export a report from the report screen, following the set layout.

4.2. AxTraxPro Web Client

- **Users**

- The last and previous location(s) for a user is shown.
- The **Edit** and the **New** procedure for an **ID holder** and **Visitor** was improved.
- More filters were added to the search function to make it easier to use.
- An **Identification** field was added to the **ID holder** and **Visitor** forms.

4.3. General

- **GraphQL API** - a GraphQL API was created for AxTraxPro to make it easy to integrate and deploy with third-party applications. This interface allows for full system access functionality, and to control and monitor all aspects of a site access requirements.
- **AxTraxPro Plugin for Milestone XProtect** - this AxTraxPro plugin enables Milestone XProtect® to act as the front-end system, providing operators with the ability to manage access control events and alarms through the XProtect VMS.

5. Issues Resolved

5.1. AxTraxPro Desktop Client

- #27326 - Communication stops when a 200K image is used for card design.
- #27423 - The failure to download links for an input that was configured as an unlock input for a lockdown and was also configured as a different link.
- #28231 - The dimensions of the user image from a webcam is different than the dimensions of the image frame.
- #29837 - A panel stays connected to the server after a clear DB operation.

- #29862 - The failure to delete an x-805 expansion board that had a reader assigned to an access area and also had assigned global antipassback rules.
- #31134 - The failure to automatically restore the connection status of AC-425x, when a MD-D04 expansion board is removed from an AC-425x panel.
- #32408 - The failure to save a network when the client language is Spanish.
- #33901 - When **Auto report** is used, the service crashes.
- #34632 - The **Readers report** does not include the **User special fields** filter.
- #34712 - AxTraxPro may not connect to controllers after the service is restarted.
- #35862 - The layout shown for a summary in the attendance report is incorrect.
- #38700 - To search for a user with the **Identification** field, typing part of the identification of the user does not work.

5.2. AxTraxPro Web Client

- Resolved different UI issues.
- #16500 - The dismiss alert operation is incorrect.
- #18443 - Some parameters are not shown when a **Who is been in today** report is exported.
- #22172 - The leading number zero is not shown when the **Auto secure** time is set to a single-digit in the **minutes** field.
- #22519 - The failure to save a Pin when the status is changed from active to inactive.
- #25838 - The failure to access the Web client over a WAN.
- #27361 - The door stays open for a time that is different than the default time that is set in the desktop client when a door opens from the panel in the **Event** module and an access event is created.
- #27362 - The door stays open for a time that is different than the **Door open time** that is set in the desktop client when a door opens from the panel in the **Users** module.
- #27765 - The **Month** filter in the **Attendance** operation is incorrect.

5.3. General

- Operation in OSDP mode is not stable.

6. Known Issues

6.1. AxTraxPro Desktop Client

- When a Hikvision face terminal and a Rosslare AY-B9350 terminal are used at the same site, the user must do a face enrollment procedure for the Hikvision terminal and the Rosslare AY-B9350 terminal.
- #34640 - After an Automatic Operation AC link is activated with an AC-825IP with or without a D-805 expansion board, the opened output closes when a Manual Door Operation occurs.
- #28230 - The failure to capture a user image from a web camera occurs frequently.

6.2. AxTraxPro Web Client

- In some conditions, the user interface may not operate as expected.

6.3. General

- When BIO8000, BIO9000 and Hikvision biometric series devices are used at the same site, users must perform finger enrollment in the client for each BIO8000, BIO9000 and Hikvision device.
- The failure to enroll a fingerprint from BIO9000 devices while it is set to Live Fingerprint Detection.
- It is only possible to upgrade to AxTraxPro from AxTraxNG V27.7.1.18 and above.
- The failure to automatically import users that are operators to AxTraxPro from AxTraxNG. It is highly recommended to save this data externally before an upgrade and then to enter it again.
- The following Rosslare readers communicate with the AC-825IP over OSDP v1:
 - AY-x6x80, firmware version 02_61 and it does not support LED and Buzzer commands
 - AY-x6x70, firmware version 03_05 and it does not support LED and Buzzer commands
 - AY-U9xxBT, firmware version 1_24 and AxTraxPro detects the reader as **Undefined**
- The following Rosslare readers are not supported with the AC-825IP over OSDP
 - AY-x6255, firmware version 01_36
 - AYC-x6355, firmware version 01_13
 - AY-x6x55BT, firmware version 01_36



To be able to communicate with the AC-825IP over OSDP v2 secure channel, the AY-x6x80, AY-x6255, AYC-x6355, and AY-U9xxBT readers need to be upgraded to the latest official firmware version.

7. Miscellaneous

- ViTrax has been removed from the AxTraxPro installation package because it has reached its end of life. Older versions of ViTrax that are in service can continue to run with AxTraxPro.
- **Access level** has been removed and is no longer supported. All access level settings will be deleted and it is necessary to reconfigure the permission policy with a different method (e.g multiple access groups).

8. Supported Languages

8.1. Desktop Client

- Chinese, Simplified
- Dutch
- English
- French
- Greek
- Hebrew
- Portuguese
- Russian
- Slovenian
- Spanish
- Turkish

8.2. Web Client

- Chinese, Simplified
- English
- French
- Hebrew
- Polish
- Portuguese
- Spanish
- Turkish

9. Firmware Versions

Software Version	Controller Model	Firmware Version
AxTraxPro Version	AC-825IP	AC825v04_01_00
	D805	x805v04_05_02
	P805	x805v04_05_00
	S805	x805v04_05_00
	R805	x805v04_05_00
	AC-425B	ac425v05_03_00
	AC-425A	ac425v05_03_00
	AC-225B	ac225v05_03_00
	AC-215B / AC-215IP-B	ac215Bv05_03_00
	AC-215A	ac215v04_08_23

Software Version	Terminal Model	Firmware Version
BIO8000	AY-B8520	V78 / 6.13
	AY-B8620	V78 / 6.13
	AY-B8550	V76 / 6.12
	AY-B8650	V76 / 6.12
	DR-B8000	2.02 / 2.1

Software Version	Terminal Model	Firmware Version
BIO9000	AY-B9120BT	2_003_64
	AY-B9150BT	2_003_64
	AY-B9250BT	1023_36
	AY-B9350BT	1.56-011.15
	DR-B9000	

Software Version	Desktop Reader Model	Firmware Version
	DR-U955BT	DR-U995-V_01_06

10. Integrated Products

10.1. Video

The following video products are supported.

Vendor Name	Product Type	Version
Hikvision	SDK	5.3.2.15
Dahua	SDK	3.4.8.27787

10.2. Biometric Devices

The following biometric products are supported.

Vendor Name	Product Category	Product Model	Latest Tested Firmware Version
Hikvision (Hikvision Verified) ¹	Value Series	DS-K1A340WX	1.2.1_211022
		DS-K1T343MWX	3.3.4_211022
		DS-K1T341AM	3.2.30_220610
		DS-K1T341CMF	3.3.8_220531
		DS-K1T341AMF	3.2.30_220610
	Pro Series	DS-K1T671M	3.2.30_220913
		DS-K1TA70MI-T	3.2.35_220610
	Ultra Series	DS-K1T671TM-3XF	3.2.35_220610
	Face Recognition Modules for Turnstile	DS-K5671-ZU	3.2.30_220913

10.3. License Plate Recognition (LPR)

The following license plate recognition products are supported.

Software Version	Product Model	Tested Firmware Version
Hikvision	DS-2CD7A26G0/P-IZHSWG (2.8-12mm)	V5.6.10 build 200414
	DS-2CD7A26G0/P-IZHSWG (8-32mm)	V5.6.10 build 200414
	iDS-2CD7A26G0/P-IZHSY	V5.5.130 build 210309

¹Card access method is not available.

11. Supported Microsoft Windows OS / Minimum Requirements

11.1. Software Requirements

- Windows 11 64-bit, Windows 10 64-bit, Windows Server 2016 and above
- .NET framework 4.8
- Visual C++ 2008 SP1 Redistributable Package (x86)
- .NET Core 5 - for a site that uses the AxTraxPro web client

11.2. Hardware Requirements

- Intel core i5, 2.4 GHz or equivalent
- 500 GB hard disk with a minimum of 8GB free space
- 8 GB RAM
- 10/100 Ethernet Port
- Mouse
- Keyboard
- Display

11.3. Supported SQL versions

- MS-SQL 2019

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