

June 2024

# AxTraxPro™

## Access Control Management Software

V28.0.3.2

## Release Notes



### 1. General

These Release Notes cover the following products:

- AxTraxPro™ Server
- AxTraxPro™ Desktop Client
- AxTraxPro™ Web Client
- AxTraxPro™ Mobile Application

#### 1.1. Product Overview

Rosslare AxTraxPro™ management software 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 V28.0.3.x User Guide
- AxTraxPro Web Client V28.0.3.x User Guide
- AxTraxPro Datasheet
- AxTraxPro Brochure
- Hikvision MinMoe Setup Guide
- AxTraxPro IDEMIA Bio On Card Integration Guide
- AxTraxPro KONE Elevator Control Integration Guide

### 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

- Integrations
  - Integration with KONE Elevator system was added, see [Integrated Products](#)
  - Integration with IDEMIA on card was added, see [Integrated Products](#)
  - Integration with AVUTECH LPR was added, see [Integrated Products](#)
- Update the installer process

## 4.2. General

- Upgrade the Bio9000 series infrastructure to support 64 bits.

## 5. Issues Resolved

### 5.1. AxTraxPro Desktop Client

- #43696 - Cannot enroll face template on AY-B9350.
- #43138 - Panel status is shown as connected while network is disconnected.
- #43721 - Cannot transmit 56bit CSN (14443A) while in OSDP-SC.
- #43118 - In OSDP mode the reader LED stays in Access granted command after remote door open.

### 5.2. AxTraxPro Web Client

- #43613 - Cannot login after password update.
- #43137 - Network status is not updated in real time - until refreshing.

## 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.
- #37610 - When the control panel is powered up during lockdown, lockdown is released and all doors are unlocked.
- #45241 - The AC Link for Duress code does not work on AC-825.
- Some OSDP and OSDP SC outputs (LED & Buzzer and Events) do not work as expected.
- Some lockdown configurations do not work as expected.

### 6.2. AxTraxPro Web Client

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

### 6.3. General



AxTraxPro and AxTraxNG cannot be installed on the same computer.

- 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.
- Downgrading AY-B91x0BT firmware from v3006-2 to v2\_003\_64 fails, but the terminal will still work with the previous version.
- Upgrading AY-B91x0BT firmware from v2\_003\_64 to v3006-2 fails. You can upgrade v2.x.x to a different v2.x.x version, and from v3xx to a different v3xx version.
- When migrating from AxTraxNG to AxTraxPro, all operators will be deleted except Administrator. It is highly recommended to document this data externally before the migration.

## 7. Supported Languages

### 7.1. Desktop Client

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

### 7.2. Web Client

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

## 8. Firmware Versions

Software Version	Controller Model	Firmware Version
AxTraxPro V28.0.3.x	AC-825IP	AC825v04_01_02
	D805	x805v04_05_02
	P805	x805v04_05_02
	S805	x805v04_05_02
	R805	x805v04_05_02
	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_24

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 3006-2
	AY-B9150BT	2_003_64 3006-2
	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

## 9. Integrated Products

### 9.1. Video

The following video products are supported.

Vendor Name	Product Type	Version
Hikvision	SDK	5.3.2.15
Dahua	SDK	3.4.8.27787

### 9.2. Biometric Devices

The following biometric products are supported.

Vendor Name	Product Category	Product Model	Latest Tested Firmware Version
Hikvision (Hikvision Verified) <sup>1</sup>	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	
IDEMIA	SIGMA Range	-	-

### 9.3. License Plate Recognition (LPR)

The following license plate recognition products are supported.

Vendor Name	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
AVUTECH	X-Series	-

### 9.4. Elevator System

The following elevator vendors are supported.

Vendor Name	Supported API Version
KONE Destination Control	KONE Connectivity Suite (API 500)

<sup>1</sup>Card access method is not available.

## 10. Supported Microsoft Windows OS / Minimum Requirements

### 10.1. 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

### 10.2. 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

### 10.3. Supported SQL versions

- MS-SQL 2019

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