



# EXRead Configuration Tool™

Software Solution | EXRead Series

Get Complete Control over Access Control.

One of the most powerful features of the EXRead Series of OSDP V2 Verified RFID Readers is the versatile Configuration Tool. Developed in-house and specifically tailored for the EXRead Series specifications. While being an efficient and timesaving solution it makes configurations easy, secure and trouble-free. And not just for installers and technical professionals. The interface is designed and structured to make it easy to use, for everyone.

The EXRead Configuration Tool provides the ability to setup, update, configure, upgrade and define everything for each reader of the EXRead Series. And without external dependencies. Several levels of advanced security options are available. Encrypted password protection eliminates the need to share or disclose defined keys for card systems. Configuration project files can be locked down for review and changes. Configuration cards can be setup with unique AES encrypted keys per installation site to prevent unauthorised modifications to any connected reader.

The Configuration Tool is available in three versions: Standard, Premium and Professional. Standard includes all functions required for access control setup while Premium and Professional include additional customer added value functions and innovative extras such as free mobile NFC native wallet access for end-users.

The Configuration Tool comes with a company lifetime license and optional new release version upgrades. Standard is free while Premium and Professional come with a one-time license fee and a fixed fee for optional future release version upgrades.

**Art no:** 44583100 | Standard Company License | Lifetime

**Art no:** 44583200 | Premium Company License | Lifetime

**Art no:** 44583300 | Professional Company License | Lifetime

**Art no:** 44603100 | Upgrade Standard Company License | New Release

**Art no:** 44603200 | Upgrade Premium Company License | New Release

**Art no:** 44603300 | Upgrade Standard Company License | New Release

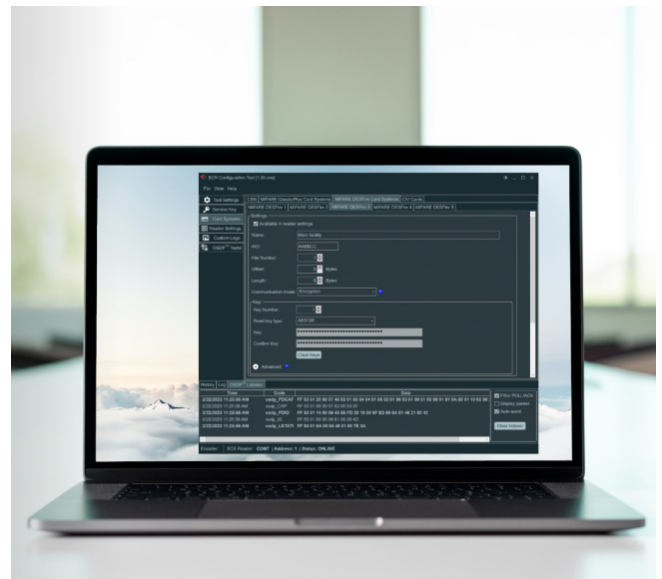
## Features

The EXRead Configuration Tool is developed to provide full control of the reader configuration options, what credentials to read and how to output this reading to the access control system.

The RFID capabilities and configuration options allow for a multitude of reading options and combinations. The Configuration Tool can enable and disable what MIFARE® unique identifiers (UID) the reader will read, combine with up to five MIFARE Classic® or MIFARE Plus® cards with data programmed on a sector and/ or up to five additional MIFARE® DESFire® data media programmed in an application. Specific features as per table below.

## Minimum system requirements

- > Processor: Intel® or AMD processor 1.5GHz or faster
- > Operating system: Microsoft Windows 7 or higher
- > RAM: 2GB. Hard-disk space: 300 MB available
- > Resolution: 1024x768 or higher



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License Version Feature Specifications

	STANDARD	PREMIUM	PROFESSIONAL
<b>CONFIGURATION SETUP</b>			
Reader Basic Configuration Options	●	●	●
Reader Extended Configuration Options		●	●
Reader Complete Configuration Options			●
Configuration   Direct PC Connection	●	●	●
Configuration   User Defined Configuration Cards	●	●	●
Configuration Cards   Initialising/Formatting	●	●	●
Multiple Project File Support	●	●	●
Configuration   File Transfer via ACU		●	●
<b>SECURITY SETTINGS</b>			
Configuration Cards   Custom AES Protection Key Against Unauthorised Reader Programming	●	●	●
Power Cycle Reader Setting Prior Accepting Configuration Card	●	●	●
Project File   Password Protection Option	●	●	●
Secure Channel   Encrypted Communication Mode	●	●	●
Data Type Output Configuration   Byte Order   Bit Order   Length   Offset	●	●	●
Data Type Output Number System Conversion   HEX-ASCII		●	●
EMV Multiple Data Type Output   PLAIN   HASHED   BCD   HEX			●
<b>MAIN USER EXPERIENCE SETTINGS</b>			
Ambient Light Sensor   Intensity	●	●	●
Multicolor RGB LED Stripe   Intensity	●	●	●
Buzzer Setting   ON   OFF   Volume Intensity	●	●	●
Proximity Sensor   LED Behaviour	●	●	●
Custom Defined Bitmap Graphics   EXRead SD-G2 Display Reader Only		●	●
<b>UPGRADE &amp; DIAGNOSTICS</b>			
Firmware Upgrade   Direct PC Connection	●	●	●
Firmware Upgrade   File Transfer via ACU	●	●	●
Firmware Upload   Hotswap Upgrade Option – Reader Dual Memory Banks	●	●	●
Diagnostics   Reader Information   Event Log History	●	●	●
Diagnostics   Event Log Export		●	●
Diagnostics   OSDP Tester   OSDP Listener			●
<b>CARD SYSTEMS &amp; MOBILE CREDENTIALS</b>			
Configure Single MIFARE Card Systems   CSN/UID   1 Classic/Plus   1 DESFire EV1-3	●	●	●
Configure Special Card Systems   ID06 Credentials	●	●	●
Configure Multiple MIFARE Card Systems   CSN/UID   5 Classic/Plus   5 DESFire EV1-3		●	●
Configure Mobile EMV   NFC Native Wallet Credentials			●
<b>ENROLMENT READING</b>			
Enrolment Reading Single MIFARE Card Systems   CSN/UID   1 Classic/Plus   1 DESFire EV1-3	●	●	●
Enrolment Reading of Special Card Systems   ID06 Credentials	●	●	●
Enrolment Reading Multiple MIFARE Card Systems   CSN/UID   5 Classic/Plus   5 DESFire EV1-3		●	●
Enrolment Reading of EMV   NFC Native Wallet Credentials			●
<b>FUTURE RELEASE VERSIONS</b>			
New Version   Allocated License Functions Accessible	●	●	●
New Version   All Functions Accessible			●