Group AC
Access Control
Introduction

High security and access control products have moved rapidly into the electronic and information age. With momentum constantly gaining, no one is better equipped than ASSA ABLOY’s Electronic Door Solutions Division to provide the products and solutions required in solving complex security requirements.

The EDS division of ASSA ABLOY South Africa proudly provides total solutions to industry professionals, integrators and end users through the specification and supply of ASSA ABLOY’s elite group of electronic based products.

These group products range from high security electromechanical locks and cylinders to the high tech access control RFID technologies which now encompass logical access systems as well.

The companies listed below are all owned by ASSA ABLOY and their superior products give EDS the edge when implementing best of breed solutions.
Group AC
Access Control

Electronic Access
Control Equipment

Subject to exchange rate fluctuations. Prices exclude VAT and are for registered vendors only. Full specification available on request or online.

**TEL530-60**
High Security Euro Profile Cylinder Electromechanical Lock.
Comprehensive status indicators. Ideal for solid timber doors and requires lever furniture.
Includes 10cm connecting cable, Split Spindle and Striker plate.

**L4040001**
Narrow Stile High Security Euro Profile Cylinder Electromechanical Lock.
Double action latch bolt for 90 and 180 ° swing doors. 12v DC and 24 VDC operation possible. Field configurable for Fail Safe/FailSecure operation. Backset 25, 30 and 35mm

**EDS-EL502**
High Security Scandinavian Profile Cylinder Electromechanical Lock.
Double action latch bolt for 90 and 180 ° swing doors. 12v DC and 24 VDC operation possible. Field configurable for Fail Safe/FailSecure operation. Backset 50mm

**EDS-CY304P**
Protec Double Cylinder in Europrofile DIN
74mm in chrome finish Available in Satin Chrome and Satin Brass For use with L404 and L560 locks.

**EDS-CY029P**
Protec Double Cylinder
Scandinavian Profile Chrome finish Available in Satin Chrome and Satin Brass For use with L502 locks.

**L560-RB-SS**
Stainless Steel rebate kit for L560 lock used on rebated doors.

**L404-RB-SS**
Stainless Steel rebate kit for L404 lock used on rebated doors.

**L502-RB-SS**
Stainless Steel rebate kit for L502-50 lock used on rebated doors.

**10312-10SS**
Concealed Cable connector (carry-over loop) of stainless steel construction & zinc die cast connectors

**10318-30NP**
Surface Mount Cable Connector (carry over loop) 300mm Nickel plated brass

**10318-30BR**

**10318-30WH**

**10318-60NP**

**10318-18NP**

**10318-30RR**

**10318-30NP**

**10318-30WH**

**10318-60NP**
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**TESAMAG**

**TESA On/Offline Access Control Systems**
TESA magstripe access lock, credentials: magstripe, 20000 operations before batteries need replacement offline multi door access control system. Finishes: Brass, satin chrome

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**STWALL**

**TESA On/Offline Access Control Systems**
TESA on-line or stand alone wall mounted reader / controller proximity cards only.

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**SNALICSTA**

Programming card for STAC 12SL2V008V1 Stand Alone Lock

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**SNCCKITUOC10**

Smartair 10 Door Update on card management kit. Includes 50 Mifare cards, Software licence, desktop card encoder and lock programmer. Also available in 30, 75 and unlimited door licenses.

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**E100**

Aperio E100 Escutcheon Set for use with Europrofile override cylinder (not included) Wireless true online lock for interface to access control system. Mifare technology, battery powered. Turns a mechanical lock door into a full access control without wiring.

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**C100**

Aperio C100 Electronic Cylinder
Wireless true online Europrofile cylinder for interface to access control system. Mifare technology, battery powered. Turns a mechanical lock door into a full access control without wiring.

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**1391-1042**

Adams Rite Solenoid bolt
Fail safe 12V DC
Can be mortised or surface mounted on timber, aluminium, steel and glass doors.

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**1391-3042**

Adams Rite Surface mount box optional accessory for 1391-1042

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**118001-010**

TRIMEC MOTORIZED MICRO PROCESSOR CONTROLLED LOCK
Suitable for swing doors
Can assist slight mis-alignment on floor spring doors
12V-24V DC
Fail safe or Fail secure
5 Year warranty

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**TB25KO**

TRIMEC MICRO PROCESSOR CONTROLLED SOLENOID DROP BOLT
Suitable for swing doors.
Key override
12V-24V DC
Fail safe or Fail secure
Integrated Monitoring
5 Year warranty

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**1391-1042**

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**1391-3042**

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**118001-010**

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**TB25KO**

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Electronic Access Control Equipment

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<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>ML300-SW</td>
<td>Narrow Stile Elmech Lock</td>
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<tr>
<td></td>
<td>Monitored</td>
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<tr>
<td></td>
<td>12-24V DC for single and double swing doors</td>
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<td></td>
<td>Fail safe or fail secure</td>
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<tr>
<td></td>
<td>Backset 30mm</td>
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<tr>
<td>EDS-INTVM</td>
<td>Bera Interlock</td>
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<td></td>
<td>Mechanical Pin released by 12V solenoid with monitoring</td>
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<td></td>
<td>Suitable for outdoor and oversized gate applications as well as bespoke security applications such as portable safes.</td>
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<tr>
<td>7AHBAT</td>
<td>12V 7AH battery for access control power supplies</td>
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<tr>
<td>PB2</td>
<td>Pushbutton Aluminium and steel for request to exit on access controlled door</td>
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<tr>
<td>EDS-SZ</td>
<td>Auto locking Deadbolt Electromechanical lock</td>
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<td></td>
<td>12V DC with integrated monitoring and audible unlock signal</td>
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<tr>
<td></td>
<td>Suitable for outdoor and oversized gate applications as well as bespoke security applications such as portable safes.</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Product Code</th>
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<tbody>
<tr>
<td>EDS-SZEPS</td>
<td>Cabinet Lock</td>
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<tr>
<td></td>
<td>Electromechanical cabinet lock</td>
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<tr>
<td></td>
<td>Monitored</td>
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<tr>
<td>NAC02-E31</td>
<td>Solenoid Drop Bolt</td>
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<tr>
<td></td>
<td>12-24V DC</td>
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<tr>
<td></td>
<td>Monitored</td>
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<td></td>
<td>3000N side load force</td>
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<tr>
<td>EDS-GL1</td>
<td>Electromechanical Gate Lock</td>
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<td></td>
<td>2000 lbs. holding force</td>
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<td></td>
<td>Operates under pre-load up to 100 lbs.</td>
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<td>Automatic dual voltage - no field adjustment required</td>
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<td>Fail Secure convertible to Fail Safe</td>
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<td></td>
<td>Manual key override (right or left hand)</td>
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<tr>
<td>EDS-K1-1</td>
<td>No Touch Exit Switch</td>
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<tr>
<td></td>
<td>Input Volt.: DC 12V</td>
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<tr>
<td></td>
<td>Contact Rating: 3A/DC 30V</td>
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<td></td>
<td>Durable stainless steel plate</td>
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<td>Detection range: 0.1 ~ 10 cm</td>
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<tr>
<td>STAC12SL2V008VI</td>
<td>TESA Stand Alone RFID Access Control Systems</td>
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<tr>
<td></td>
<td>Credentials: Mifare 13.56Mhz contactless. 20,000 operations before batteries need replacement. 1 door access control system, upgradeable to unlimited doors.</td>
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<td></td>
<td>Finishes: Brass, satin chrome</td>
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<tr>
<td></td>
<td>Excludes Mortice Lock</td>
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</tbody>
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UNION®
BERA®
ASSA ABLOY
Aperio Technology

Aperio is a new technology developed to complement existing electronic access control systems, providing end-users with a simple, intelligent way to upgrade the controllability and security level of their premises.

The heart of Aperio is a short-distance, wireless communication protocol, designed to link an online electronic access system with an Aperio enabled mechanical lock.

Any number of existing doors can be equipped with Aperio, and at a much lower cost than installing the regular electronic access system on every door.

Aperio is easily integrated with most units and systems, regardless of the manufacturer, since it has been developed around an open standard.
Aperio technical features

Connection to the access control system
To make the implementation easy for all the access control systems the Aperio products use a "standard RS485 protocol" developed by ASSA ABLOY. A company that want to drive an Aperio product can implement this protocol in its system.

Wireless
The wireless link is a 2.4 GHz UHF link based on the IEEE 802.15.4 standard. It has been selected due to its low power consumption and small implementation footprint, which enables small and low cost devices.

The wireless communication is used between the lock and the communication hub. Distance between the two elements can be until 5 meters.

Aperio Lock
The escutcheon and cylinder are coherent with and offer the same functionality as any coming Aperio embedded lock:
- UHF wireless communication based on IEEE 802.15.4 (2.4 GHz)
- Approximately 5 m range depending on environment
- 128-bit AES encrypted communication
- 10 override credentials stored in the lock in case of lost contact to EAC system
- Audit trail with 200 entries stored in case of lost contact to EAC system
- Event log for significant system events
- Regular status messages and alarms sent to EAC system (including low battery level)
- In-field upgrade of firmware over UHF
- 40 000 openings
- Windows tool for installation, configuration and maintenance over UHF
- Mifare RFID technology (UID or sector segment reading depending of the configuration decided)
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HID Cards & Readers

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**HID6005**
- **ProxPoint Plus**: 125kHz mini mullion proximity reader
- Size: 7.96 x 4.37 x 1.68cm
- **Cable Distance**: 150m
- 5 core stranded
- Current: ~30mA, peak 75mA
- **Range**: ProxCard® II - 6.35cm
- ISOProx® II - 2.8cm
- Indoor / outdoor
- **Lifetime warranty**

**4045AGN00**
- **Entry Prox**: 125kHz stand alone proximity reader
- Size: 13.33 x 6.98 x 4.1cm
- **Cable Distance**: 150m
- 5 core stranded
- Strike relay + aux relay
- Current: ~150mA
- **Size**: 1326LSSMV
- Indoor / outdoor
- **Lifetime warranty**

**1326LSSMV**
- **ProxCard® II Clamshell Card**: Value priced HID proximity card. Standard Credit Card size. Custom pre-printed artworks available
- **Read Range**: ProxPoint® 7.5cm
- **MiniProx®**: - 14cm
- **ProxPro®**: - 22.9cm
- **Prox80™**: - 14cm
- **MaxiProx®**: - 60cm
- **Indoor / outdoor
- **4045AGN00**
- **ISOProx II Card**: ISO - thin imageable HID proximity access card offers proximity technology with photo identification capability on a single card
- **Read Range**: ProxPoint® 6.25cm
- **MiniProx®**: - 12.5cm
- **ProxPro®**: - 20cm
- **Prox80™**: - 12.7cm
- **MaxiProx®**: - 50cm
- **Indoor / outdoor
- **1326LSSMV**
- **HID1386**
- **HID6100**
- **HID83120**
- **RWKLB575**
- **HID2000**

**HID83120**
- **Edge Reader Solo Integrated IP Controller/Reader**: RJ-45 Connector for TCP/IP
- RS232 Port for optional modem
- Software on-board (Web browser interface)
- **Dimensions**: 83.8 x 121.9 x 57.9mm
- **Read range**: iCLASS Reader 13.56Mhz
- **RWKLB575**
- **RWKLB574**
- **HID2000**

**RWKLB575**
- **200X iCLASS Card**: 13.56Mhz
- For direct images & thermal transfer, optional magstripe, thin flexible polyvinyl chloride (PVC) laminate, vertical punch optional
- **Memory type**: EEPROM, read/write multi-application memory
- 2k card, 2 application areas
- **HID2000**
- **HID2001**
- **HID2002**

AC.7
Rosslare Access Control Products

**AT-R14W**
Rosslare ISO 125 kHz Clamshell RFID white proximity access card
Read range: 5cm - 13cm (depending on reader)
AT-R11W

**AT-R11W**
Rosslare ISO 125 kHz RFID white proximity access card
Read range: 5cm - 13cm (depending on reader)
AT-R11W

**AT-R13B**
125 kHz ISO Black Proximity Access Tag
Read range: 2.7cm - 6cm (depending on reader)

**AYC-W6500**
Stand alone biometric reader finger/prox/pin
500 user
26-bit Weigand or clock
RS-232 Serial
Cable distance to host controller (150m), 18 AWG cable
Bio Trax software
Read range: Card AT-R11W (7.5cm)

**AY-C12**
Rosslare 125kHz Proximity Mullion Reader
26-bit Weigand or clock & data output
Dimension: 7.9 x 3.9 x 1.5cm
Cable distance: 150m 6 core stranded
Current: average 35mA max
In/outdoor with optical tamper
Read range: Card AT-R11W (5cm)
AY-K12

**AYC-E65BG**
PIEZ0 Keypad Reader/Controller
500 Users
Card or Pin
Convertible to online reader
Requires Powers Supply PS-C25T

**AC225-IP**
Professional scalable networked control panel with TCP/IP
1 or 2 doors expandable to 4 doors
30,000 users max
2,046 doors per system
AS-525 Level 0
Software included no charge up to 64 panels

**AY-B3663**
Mifare Match on card
Biometric Reader
Wiegand output
Compatible with Mifare 1K and 4K credentials

**CP-R25**
Enroller/ Card and reader programmer for AY-B3663 biometric reader

**PS-C25T**
1.2A Intelligent Power Supply
General Use or for use with Rosslare Keypads
7AHBAT battery not included

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## Electric Strikes & Maglocks

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### Electric Strike
- **TS101A** Field reversible ANSI short faceplate.
  12V operation
  Stainless Steel
  Power to unlock
- **914-10KL** Glazed Door Strike F/Secure 10mm
  Power to unlock
  Glass size to be specified
  Part number listed for 10mm glass
- **14KL-GY** Model 14KL electric strike suitable for metal doors, 12Vdc grey face plate
- **76-45-S911GL** Electric strike for use with panic latches with pullman latches, suitable for single leaf escape door configurations
- **7100-315-628** ANSI/BHMA Strike type EO9321
  Flat Faceplate For Aluminium Jambs, 12V DC,
  Fail Safe
  Clear Anodized Finish

### Maglocks
- **Z770300-000** 300kg Maglock Unmonitored
- **Z770300-010** 300kg Maglock Monitored
- **Z770600-000** 600kg Maglock Unmonitored
- **Z770600-010** 600kg Maglock Monitored
- **Z770300-901** L&Z bracket for Z770300
- **Z770600-901** L&Z bracket for Z770600

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**Group AC**
Access Control
Electric Strikes &
Maglocks

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**EDS-GTRA07**
Universal Door hold open magnet
24V DC
400N holding force
Includes keeper plate.

**EDS-GTR-BK1**
Floor Mount bracket for EDS-GTRA07

**EDS-GTR-BK2**
Wall mount bracket for EDS-GTRA07
Tube length 150mm