remsdaq
EXTENDING THE BOUNDARIES OF TECHNOLOGY

entronet
ACCESS CONTROL THE WAY FORWARD

entrowatch
ACCESS CONTROL THE WAY FORWARD

entrostar
ACCESS CONTROL THE WAY FORWARD

entro series
ACCESS CONTROL SOLUTIONS

The Remsdaq Entro series is a cost-effective and industry leading access control system with the capacity to manage up to 800* doors and 250,000 credentials.

EntroWatch is the management software at the heart of the Entro series. The software is easy to set-up and features intuitive screen layouts from which to configure, monitor and control up to 800 doors and 250,000 credentials.

EntroWatch is designed to work with EntroStar and EntroNet access door controllers which provide 2-door/4-reader and 8-door/16-reader IN/OUT functionality. They are easy to install and allow fast and cost-effective expansion using 'plug n play' and modular technologies.

Up to 100 EntroStar and EntroNet access door controllers can be connected on an IP network to provide door management up to 800 doors. The installation can be single site or span multiple buildings.

EntroPad readers, desktop readers, management kits and EntroPass secure credentials complete the Entro series.

* Increasing to 3,200 doors by Q1 2019.

SMART BUILDING INTEGRATION

EntroStar and EntroNet controllers incorporate the BACnet building automation protocol defined by ASHRAE, ANSI and ISO16484-5.

Using IP/BACnet, Entro access door controllers can integrate with smart building management systems (BMS) to provide occupancy information. This type of integration can lead to improved building performance, reduced energy usage and a more comfortable environment for occupants and visitors.

The Entro access door controller family is also certified to EN55024, EN55022 and EN60950-1 in accordance with the '2006/95/EC Low Voltage' and '2004/108/EEC EMC' directives and compliant with UL94, UL294 and UL1076.

TYPICAL APPLICATIONS

The Entro series is designed to provide access control for a wide range of installations:

- Commercial and retail premises
- Public sector offices
- Libraries and museums
- Schools, colleges and universities
- Rental and student accommodation
- Hospitals and healthcare buildings
- Military and high-security installations
- Leisure centres, fitness and sports clubs
- Oil, gas and petrochemical sites
- Industrial manufacturing sites
- Financial institutions

THIRD PARTY SYSTEM INTEGRATION

The EntroWatch software management package also features third-party device integration including:
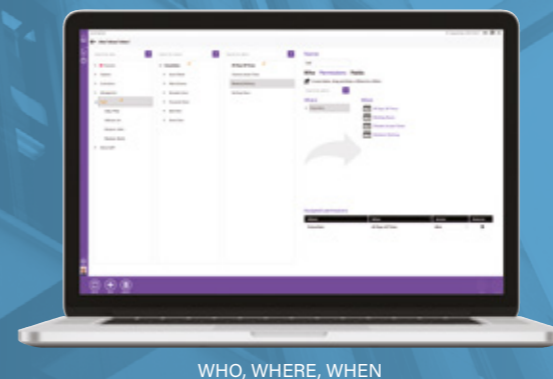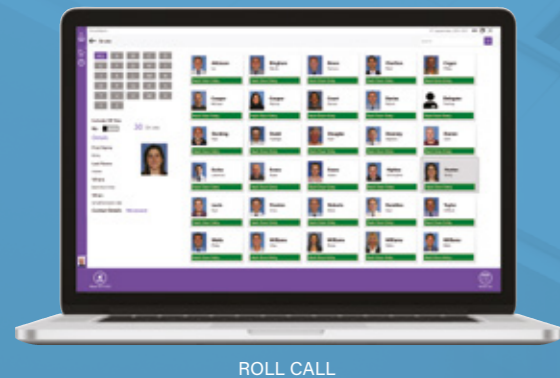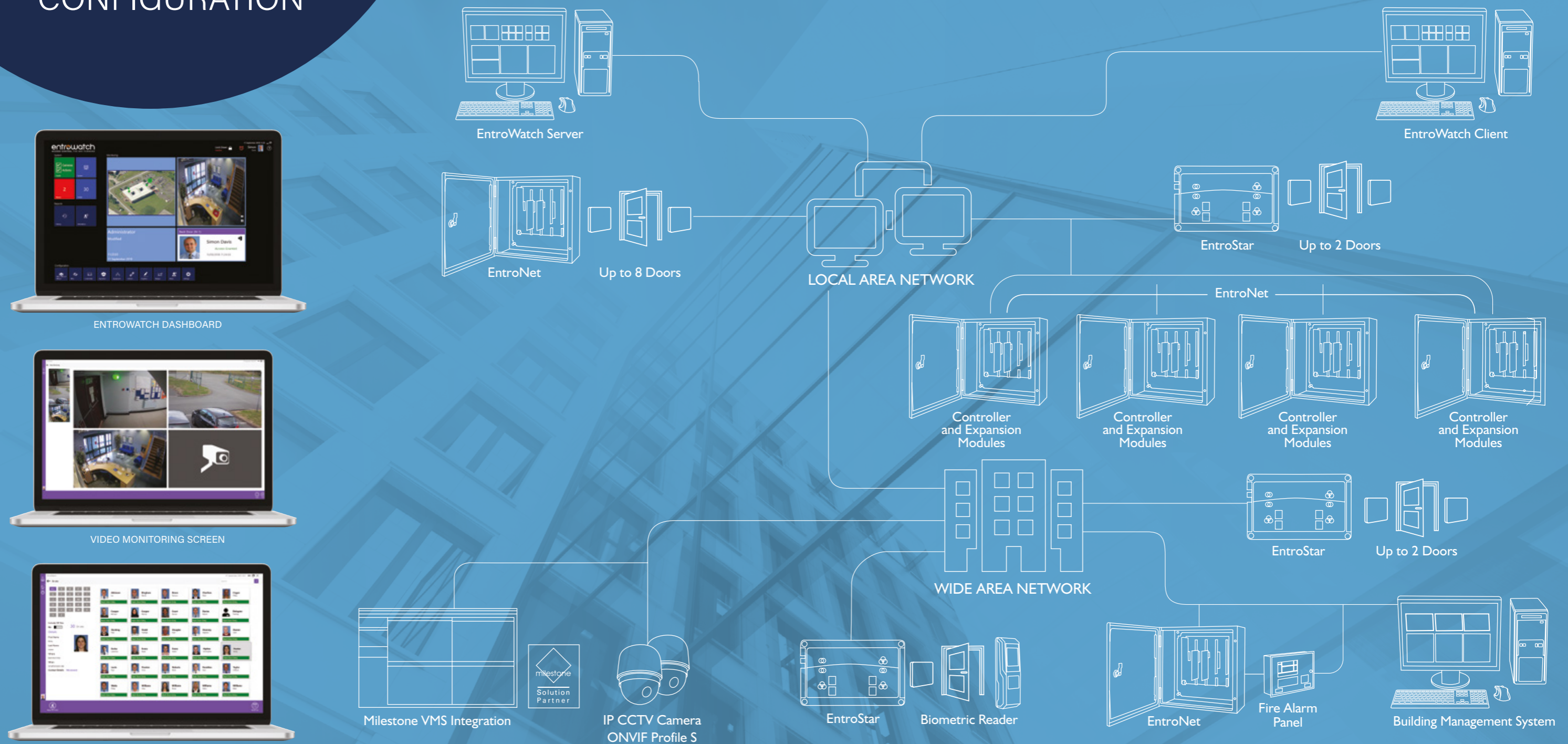
- Biometric readers
- Multi-technology industry standard third party readers
- Third party database integration
- ONVIF Profile S video streaming
- VMS integration (Milestone)
- Support for compatible third party BACnet I/O devices

Remsdaq also provides a range of accessories including integral power supplies and battery back-up.

THE ENTRO SERIES

- EntroWatch management software
- EntroStar and EntroNet controllers
- EntroPad readers
- EntroPad desktop readers
- EntroPad management kit
- EntroPass secure credentials

A TYPICAL ACCESS CONTROL SYSTEM CONFIGURATION

ASHRAE **BACnet**™

CPNI Centre for the Protection of National Infrastructure

ENTROWATCH DASHBOARD

VIDEO MONITORING SCREEN

ROLL CALL

ALARM HANDLING

EntroWatch Server

EntroWatch Client

EntroNet

Up to 8 Doors

EntroStar

Up to 2 Doors

LOCAL AREA NETWORK

EntroNet

Controller and Expansion Modules

Controller and Expansion Modules

Controller and Expansion Modules

Controller and Expansion Modules

EntroStar

Up to 2 Doors

WIDE AREA NETWORK

Milestone VMS Integration

milestone Solution Partner

IP CCTV Camera ONVIF Profile S

EntroStar

Biometric Reader

EntroNet

Fire Alarm Panel

Building Management System

SITE PLAN

WHO, WHERE, WHEN

BADGE DESIGNER

TYPICAL MANAGEMENT SCREENS FROM ENTROWATCH SOFTWARE.

entrowatch
ACCESS CONTROL THE WAY FORWARD

An industry-leading access control software suite based on a tile-screen layout that is intuitive to use and packed with features. EntroWatch is designed to manage and control EntroStar and EntroNet controllers, even when connected across multiple sites.

EntroWatch is provided free of charge as a website download file and must be registered within 30 days of the installation date.

The initial download version provides a range of features including:

- ⚙ graphics engine
- ⚙ badge designer
- ⚙ alarm handling
- ⚙ ONVIF Profile S video streaming
- ⚙ up to 400 doors and 500 credentials
- ⚙ attendance reports
- ⚙ door monitor
- ⚙ custom views
- ⚙ operator roles
- ⚙ resolution codes
- ⚙ calendars
- ⚙ credential location
- ⚙ single server / 1 client*

EntroWatch PE is the premium version of the software unlocked with a license code to provide greater functionality.

- ⚙ custom card formats
- ⚙ Milestone plug-in
- ⚙ enhanced passwords
- ⚙ enhanced PINs
- ⚙ up to 800 doors and 250,000 credentials
- ⚙ person import
- ⚙ user tracking
- ⚙ email notifications
- ⚙ serial notifications
- ⚙ access verification
- ⚙ system wide accountability
- ⚙ single server / 2 clients*
- ⚙ advanced alarm reports
- ⚙ support for compatible third party BACnet I/O devices

EntroWatch CS is approved for UK government use. For details contact CPNI.

*Extra clients available.

---

entrostar
ACCESS CONTROL THE WAY FORWARD

EntroStar is a feature-rich 2-door/4-reader access control unit, PoE/PoE+ or conventionally powered, with BACnet communication for easy integration into a Building Management System. Up to 100 EntroStars on the same IP network can control up to 200 doors with IN/OUT readers.

EntroStar is a network device that can be installed out-of-the box. The unit can also be supplied in a metal enclosure with a 3A power supply and battery back-up.

EntroStar

EntroStar in a metal enclosure

EntroStar in a metal enclosure with a PSU (optional battery)
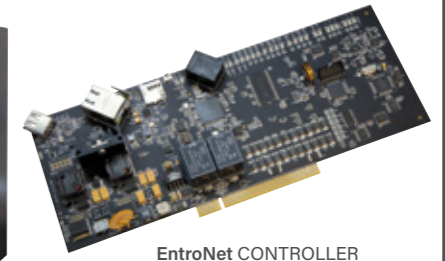
---

entronet
ACCESS CONTROL THE WAY FORWARD

EntroNet is a modular access control unit using BACnet communications that can control up to 8 doors per unit (16 IN/OUT readers).

EntroNet uses a 4-way backplane, controller card and up to three further cards (TDEM or IOM). TDEM is a 2 door expansion module and IOM is a 24 tamper protected input / 8 output expansion card. The system can be supplied with a built-in 7A PSU and battery.
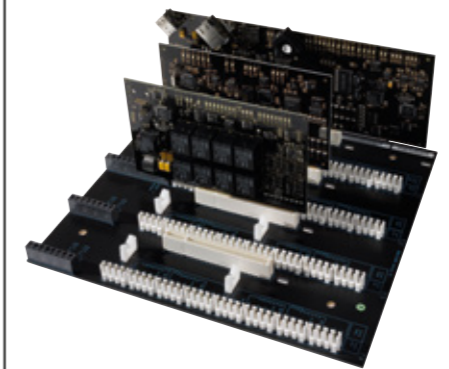
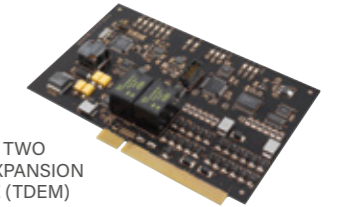100 EntroNets can control up to 800 doors when connected to the same IP network.

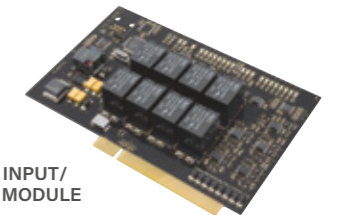EntroNet in a metal enclosure with a PSU (optional battery)

EntroNet CONTROLLER

EntroNet TWO DOOR EXPANSION MODULE (TDEM)

EntroNet INPUT/ OUTPUT MODULE (IOM)

EntroNet 4-WAY BACKPLANE

---

entropad
ACCESS CONTROL THE WAY FORWARD

EntroPad is a smart 13.56MHz card reader for use with EntroStar and EntroNet controllers via a Wiegand connection. An EntroPad keypad uses capacitive touch key technology and is easily configurable using an optional Management Kit. The keypad is available in English and Arabic versions.

MANAGEMENT KIT
An easy way to customise individual EntroPad readers. The kit consists of a PC-based application, USB EntroPad, USB cable and a set of 8 programming cards. The cards can be read by an EntroPad to update its functionality for readable card formats, LED colours and audible output.

DESKTOP READER
Provides straightforward registration of card credentials within the EntroWatch management software. The reader can be used with EntroPass or other access card formats including MIFARE CSN.

REQUEST TO EXIT (RTE)
Allows touchless exit through a controlled doorway.

EntroPass SECURE CREDENTIALS
A MIFARE Plus secure credential for use with EntroPad readers and available in either card or key fob format.

EntroPad English Keypad   **EntroPad** Reader   **EntroPad** RTE   **EntroPad** Arabic Keypad

INTEGRATED SECURITY SOLUTIONS

Remsdaq manufactures a complete range of integrated security solutions. Other ranges include:

- StarWatch software and StarNet controllers for large enterprise security applications covering several thousand doors and credentials. Ideal for larger sites including airports and similar applications.

- Sabre Perimeter Intrusion Detection (PIDS). Applications include fence mounted, buried and water culvert monitoring. Sabre integrates with StarWatch software.

SECURITY SOLUTIONS TRAINING ACADEMY

We have a dedicated training academy based at our Deeside facility. The academy provides a range of courses, designed and delivered by our professional trainers. Typical attendees include systems administrators and installation and maintenance engineers. The courses can be customised to suit specific client needs. We can provide training courses by prior arrangement at client offices and those of our Business Partners around the World.

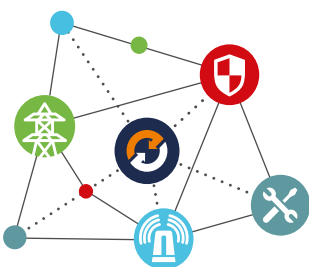The current course list can be viewed on our website.

In the UK we also run a Certified Security Installer program. The program has Silver, Gold and Platinum levels of accreditation based on training levels and other criteria.

ENGINEERING SUPPORT HELPDESK

Over the last 40 years we have developed a comprehensive service portfolio to support clients throughout the life cycle of their products. These services are co-ordinated by our engineering team and are delivered through an extensive network of certified installers and business partners.

Our service portfolio includes:

- Dedicated Helpdesk
- Project design and value engineering
- Project management
- Site surveys
- System and electrical installation
- On-site testing and commissioning
- Factory acceptance tests
- Site acceptance tests
- Field and factory repairs
- Remote connectivity and assistance
- Maintenance contracts
- Spares supply
- Software installation and support
- End of life recycling

SUPPORT

SURVEYS

DESIGN

TRAINING

ENGINEERING

MAINTENANCE

INSTALLATION

MANUFACTURING

remsdaq

EXTENDING THE BOUNDARIES OF TECHNOLOGY

Remsdaq Ltd
Parkway
Deeside Industrial Park
Deeside, Flintshire CH5 2NL

+44 (0) 1244 286 495
sales@remsdaq.com
remsdaq.com
remsdaq