

Entro Series Product Finder

Select your Access Control solution

The Remsdaq **Entro series** is a cost effective and industry leading access control solution. This handy guide has been created with **Security Consultants, Integrators and End Users** in mind, providing a complete overview of the Entro Series range, to create the **Integrated Security Solution** you require. The Remsdaq Entro series has a wide spectrum of use, from small, simple Electronic Security designs to large, complex, multi-site projects. For Critical National Infrastructure buildings, the Remsdaq Certified Secure Solution is **CPNI** accredited.

There are 3 editions of our **feature rich EntroWatch software**, Standard, Premium and Certified Secure. Simply find what features you need and select the EntroWatch version you require using the handy table we have created.

Our EntroStar and EntroNet controllers provide **economical solutions for any integrated security requirement**. The controllers also incorporate **BACnet** building automation protocols making them the ideal choice when smart building integration is required. EntroStar and EntroNet can be used in the same network to maximise flexibility and control.

Remsdaq supplies a **complete reader solution**, including **mobile, biometrics and antimicrobial** protection. The reader range solves the problems many consultants, integrators and end users come across as the requirement for buildings to become both smart and COVID-Secure continues to increase.

This document will help you find the right solution for any project you are currently involved in. Remsdaq are always delighted to assist you with any enquiries you may have about any of our products, including Sabre II, a Perimeter Intrusion Detection System that can be integrated with our EntroWatch software.



For more information

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Call **01244 286495**

Email sales@remsdag.com

Select your Entro Series Software

	Standard Edition	Premium Edition	Certified Secure
Software Feature	EN-SW-0100	EN-SW-0200	EN-SW-0300
Automatic, Scheduled & Manual Actions (cause & effect engine)	✓	✓	✓
Biometric & Third Party Readers	✓	✓	✓
CCTV Integration (ONVIF Profile S Video Streaming VMS)	✓	✓	✓
Configurable Operator Roles (multiple roles and conditions)	✓	✓	✓
Controller Auto Discovery	✓	✓	-
Custom Displays (role and/or user based)	✓	✓	✓
Door Monitor (for any specific number of doors)	✓	✓	✓
Fire Door Support (unlock a set of doors using an input from a fire alarm panel)	✓	✓	✓
Global Lockdown	✓	✓	-
Graphics Engine & Maps (*.bmp, *.gif, *.jpg, *.png images)	✓	✓	✓
Lift Call (on credential authorisation)	✓	✓	✓
Logical Anti Pass back	✓	✓	✓
Door Interlock Facility (access based on the condition of another door(s))	✓	✓	✓
Onsite People Count	✓	✓	✓
Time & Attendance Reporting (on screen & export)	✓	✓	✓
Track & Trace (who, where, when reporting)	✓	✓	✓
Advanced alarm processing (associate camera & graphics with an alarm)	-	✓	✓
Automatic credential disable (for chosen time period after wrong PIN input)	-	✓	✓
BMS integration (using BACnet)	-	✓	-
Checkpoint Control & Verification (operator controlled access approval)	-	✓	✓
Custom alarms with alert (auto on-screen pop-up)	-	✓	✓
Custom card formats and editor (for non-standard card encoding)	-	✓	✓
Email notifications (sent to designate upon chosen alarm)	-	✓	-
Enhanced operator setting (multi-session, auto log off, auto lock, dual logon)	-	✓	✓
Enhanced passwords (protocol for enforced strength and renew periods)	-	✓	✓
Enhanced PINs (automatic generation, complex PIN rules, minimum length)	-	✓	✓
Integration - Hikvision (including latest NVR & Thermal Devices)	-	✓	-
Integration - IEVO biometric reader integration	-	✓	-
Integration - Milestone XProtect Access plug-in	-	✓	-
Occupancy Management (set and control the number of people allowed in any given area)	-	✓	✓
Perimeter Intrusion Detection Integration (Remsdaq Sabre solution)	-	✓	-
Person import (using a CSV file to import records)	-	✓	✓
Read only access database (unique 3rd Party reporting tool)	-	✓	✓
Serial notifications (on alarm)	-	✓	✓
System wide accountability (enhanced anti-pass back)	-	✓	✓
People tracing (alert on specific token use)	-	✓	✓
CPNI Approved Encrypted Communications (for critical National infrastructure)	-	-	✓
Standard License	1 x server 1 x client 1-50 x controllers (up to 400 read in/read out doors) Up to 500 tokens	1 x server 2 x clients 100 x Controllers (up to 800 read in/read out doors) Up to 500 tokens	Bespoke on application
Additional Client License	-	✓	Bespoke on application
Additional Credential License (Standard up to 5000 credentials, Premium Edition & Certified Secure up to 250,000)	✓	✓	Bespoke on application
Language Pack (English (UK), English (USA), Spanish, Danish, Dutch, Finnish, French, Hungarian, German, Italian, Norwegian, Portuguese, Portuguese (Brazilian), Polish, Romanian, Russian, Swedish, Turkish, Arabic, Chinese (simple), French Canadian, Malay and Welsh)	✓	✓	✓

Select your Entro series Reader

	Reader	Keypad	Mobile	Fingerprint	Face	RTE	Enrolment
Reader Feature	EN-PX-R-W-R-X	EN-PX-KP-W-R-E	EN-BT-R-X	EN-FP-R-X	EN-FR-CAM-S	EN-PX-E-X-X-X	EN-PX-R-U-R-X
Antimicrobial Protection (built in antimicrobial protection)	✓	✓	-	-	-	✓	✓
1:N Authentication	-	-	-	✓	-	-	-
Anti Tamper	✓	✓	✓	✓	-	✓	-
Bluetooth/NFC	-	-	✓	-	-	-	-
Capacitive Touch Keypad	-	✓	-	-	-	-	-
Contactless	✓	-	✓	-	✓	✓	-
CPNI Approved (for Critical National Infrastructure)	-	-	-	✓	-	-	-
Face Mask Detection	-	-	-	-	✓	-	-
IP 65 Rating (using optional gasket)	✓	✓	✓	✓	✓	✓	-
Multi-colour LED band	✓	✓	-	-	-	✓	✓
Multispectral Imaging Sensor	-	-	-	✓	-	-	-
Multi-Technology (MIFARE Ultralight® MIFARE Ultralight C®, MIFARE® Classic, MIFARE® Classic EV1, MIFARE Plus®, MIFARE® DESFire, MIFARE DESFire® EV1, MIFARE® DESFire® EV2, iCLASS®, PicoPass™, EntroPass Secure)	✓	✓	✓	-	-	-	✓
Piezoelectric Sounder	✓	✓	✓	✓	✓ (Includes Spoken word)	✓	✓
RJ45 Connection (optional RJ45 to 9 PIN terminal block adapter for specific installations)	✓	✓	-	-	-	✓	-
Temperature Sensor	-	-	-	-	✓	-	-
USB Connection	-	-	-	-	-	-	✓
Vandal Resistant	-	-	✓	✓	-	-	-

Select your Entro series Controller

	EntroStar Controller	EntroNet Controller
Controller Feature	EN-DC-0001P	EN-SC-0001
Number of Doors/Turnstiles (per controller)	Up to 2	Up to 8
Number of Readers (per controller)	Up to 4	Up to 16
BACnet Protocol	✓	✓
Battery Back-Up	✓	✓
Credentials	Up to 100,000	Up to 256,000
Design Feature	Fixed - Plug and Go	Modular, Extendable Solution
Digital Inputs	9 off monitored (4 state supervised) and 1 optical tamper	6 logical (expandable up to 360)
Enclosure & PSU Option	✓	✓
Encryption Support	-	✓
Event Buffer	Up to 100,000	Up to 128,000
Network Capacity	Up to 100 controllers (200 doors read in/read out)	Up to 100 controllers (800 doors read in/read out)
Output Relays	4 N/O contacts	2 SPST (N/O) contacts (expandable up to 120 relays (SPDT & SPST))
Reader Formats	Wiegand (multiple format)	Wiegand (multiple format)
Software	EntroWatch (Standard and Premium)	EntroWatch (Standard, Premium and Certified Secure)
TCP/IP	✓	✓

N.B. EntroStar and EntroNet Controllers can be used on the same network (max 100 controllers combined) to help you create the most economical design.

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

CPNI®

Centre for the Protection of National Infrastructure

MADE IN BRITAIN

Security Solutions Training Department

- Remsdaq have a dedicated **training academy** based at our Deeside facility. The academy provides a range of courses, designed and delivered by our professional trainers
- The courses can be run online and via appointment
- The current course list can be viewed on our website
- In the UK Remsdaq run a **Certified Security Installer program**

The program has **Silver, Gold and Platinum** levels of accreditation based on training levels and other criteria

- **CPD seminars** available



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**

Remsdaq have a policy of continuous product development and improvement. Whilst all information is correct at the time of going to press, we reserve the right to make changes without notice. All trademarks are duly acknowledged.



remsdaq
EXTENDING THE BOUNDARIES OF TECHNOLOGY

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