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EXTENDING THE BOUNDARIES OF TECHNOLOGY

How to make your building COVID-Secure and protect the people inside

**Contact David Ross
UK Business Development Manager**

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New Camera Solution Included

The Problem

- In some environments it is important to **quickly detect** if a person has an **elevated temperature**
- In most environments it is important to quickly **detect** if a person is **wearing a facemask**

°C
Do not enter until your temperature has been taken

Masks must be worn in this area

Our Solution

- The **Prismabytes** AI Face Recognition & Temperature Monitoring Camera is a **facial recognition** device with **face mask and temperature detection**.
- The camera is a solution for **Health Management** and **Biometric Access Control**.

PB

Thermal Screening
- The camera measures body temperature to within 0.3°C accuracy. The camera can help identify possible symptomatic virus spreaders and contaminators.

Facemask Detection
- The camera incorporates **Face Mask Detection** and can help **identify individuals not wearing a facemask.**

Access Control
- The camera has a **Wiegand interface** for EntroWatch integrated door unlocking where required. Relay output for Automatic door option where access control not required.

Install Types
- The camera can be **stand mounted**, **wall mounted** or be fitted to an **entrance turnstile**.
- The cameras can be installed at **Entry and other critical checkpoints** in a building

COVID Secure Guide

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Software

- **Simple to use** software allows storage of 30,000 faces in the database**.**
- Reporting tools assist with **Track & Trace**

Hardware

- 2 MP AI HD **Front Facing Camera**
- 1.2mm thick tempered glass with 7 inch HD screen
- Powerful illumination band for use in low lighting areas

Settings

- The camera is suitable for entry points at
  - **Schools, Office Buildings, Shops, Restaurants, Cafes** and any other premises where Face Mask Detection and Temperature Screening is required

COVID Secure

- The camera can help make any premises **COVID Secure**. Providing **piece of mind** for building owners, staff and members of the public

Click here for Camera Specifications

The Prismabytes AI Face Recognition and Temperature Screening Camera is **available exclusively** in the U.K. from Remsdaq and can be purchased at **www.entrostore.com**

The camera provides a **cost effective solution** to any business or premises and can help with compliance for COVID-Security.

With restrictions due to be in place, at some level, for a considerable period of time, the camera can provide **additional piece of mind** for all business owners, staff and members of the public.

Use for the camera will **extend beyond the current pandemic** given its Access Control functionality and integration with our EntroWatch software.

Get in touch with us now to discuss your requirements and to find out more about our other solutions.

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The Problem

Our Solution

- **Government Guidelines** outline how employers should **create a secure environment** that is safe for all employees, customers and visitors during the Coronavirus pandemic - buildings must now become **COVID-secure**.

- **Entro Series Access Control** provides the solutions you need to manage who can enter, and when & where they can safely go in a building.

MADE IN BRITAIN

entro series
ACCESS CONTROL SOLUTIONS

Track & Trace

- **EntroWatch** is our easy to use Access Control Software Platform. With built-in **WHO? WHERE? WHEN?** principles the system provides for flexible permissions and control of **who** can go **where** and **when**

Touchless Readers

- The **EntroPad** is a touchless range of **Card Readers** and **Request to Exit** devices with **built-in antimicrobial protection** to prevent the spread of bacteria and contaminations

Thermal Screening

- **EntroWatch** integrates with **Hikvision** and can use the latest thermal and fever screening technologies to help identify possible virus spreaders and contaminators

Site Manager

- **EntroWatch** incorporates **Site Wide Accountability** to *prevent* tailgating and *control* how many people can enter access controlled areas including canteens and rest rooms

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The Problem

Our Solution

- Meeting current **Social Distancing** Public Health Guidelines
- Implementing **one-way flows** through buildings
- **Restricting Access** between different areas of a building
- Managing building **occupancy levels**

- **EntroWatch** Access Control Software with **Sitewide Accountability** utilising **Who? Where? When?** principles

CPNI ®
Centre for the Protection of National Infrastructure

Who?
- **EntroWatch** gives you complete control over **WHO** can access a building. Controlling **WHO** gets in supports building occupancy limits to help maintain **Public Health Guidelines** regarding Social Distancing

Where?
- **EntroWatch** gives you complete control of **WHERE** a person can go in a building. Controlling **WHERE** people can go allows one-way systems to be implemented and prevent cross-contamination in different areas of a building by restricting access

When?
- **EntroWatch** gives you complete control of **WHEN** a person can access a building. Controlling **WHEN** a person can access a building allows for staggered entry times to assist maintaining Public Health Guidelines regarding Social Distancing

Sitewide
- From the **EntroWatch** home screen you can see a count of the number of people on site, helping you to manage building occupancy levels. Easy-to-use attendance reports can aid **Track & Trace** if required
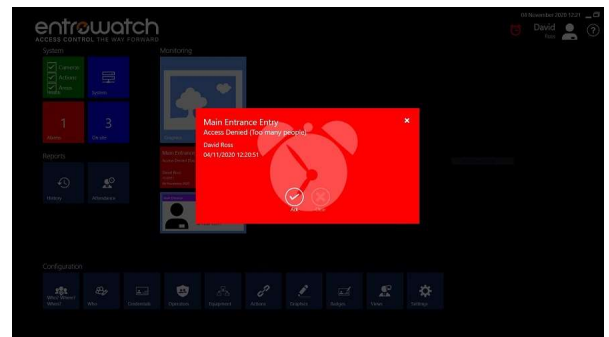
The Problem

Our Solution

- **Managing** the number of people allowed in any given area of a building

- **EntroWatch Occupancy Management.** Control and manage social distancing with the latest EntroWatch software update

Social Distancing
- **EntroWatch Occupancy Management** gives you complete control. Set and control the number of people in any given area of a building

Control Entry
- **EntroWatch Occupancy Management** supports 'one in, one out' access ensuring the continuous flow of people movement

Manage Areas
- **EntroWatch Occupancy Management** prevents access when maximum capacity in an area is reached

Live View
- **EntroWatch Occupancy Management** shows live occupancy levels

The Problem

Our Solution

- Readers, Keypads and Exit Buttons are unhygienic and a **source of bacteria**, incubating and potentially distributing bacteria and viruses to anybody who comes into contact with the devices next

Wash your hands please

Use hand sanitiser

- **EntroPad** range of readers
- **Contactless** and **Hygienic**
- **Antimicrobial protection**
- **Wiegand** communication
- Ideal for **retrofit** and **new** projects

entropad
ACCESS CONTROL THE WAY FORWARD

Reduce touch based entry

- **EntroPad** is contactless range of **Card Readers**, **Request to Exit** buttons and **Keypads** with *antimicrobial* protection to prevent the spread of bacteria and contaminations. The read range is up to 8cm

Enable people management

- **EntroPad** is surrounded by a configurable multi-colour light band and can be colour coded creating a **traffic light** approach to the entry and exit of shared areas including canteens and rest rooms

New & Retro-fit projects

- **EntroPad** is a Wiegand compatible reader and can be used with any **Wiegand compatible access control system** – ideal for new projects or retrofit

Easy Installation

- **EntroPad** is a flush **wall-mounted device** and can be installed using a UK pattress box, US switch box or directly to a wall

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The Problem

Our Solution

- People with a **high temperature** entering a building
- Inability to monitor the **health** and **wellbeing** of employees, visitors and customers

°C
Do not enter until your temperature has been taken

Masks must be worn in this area

- **EntroWatch** integration with **Hikvision** temperature **screening** solutions

09-03-2020 11:56:59
36.2°C

HIKVISION®

Elevated Temperature
- The **World Health Organization** and the **UK Government** have identified the recent onset of a high temperature as one of three important symptoms of Coronavirus (COVID-19)

Monitor & Identify
- **EntroWatch** integrates with **Hikvision temperature screening products** to allow the identification of people with elevated temperatures, their mask usage and area population densities

Health & Wellbeing
- **Hikvision** screening cameras can be installed at **Entry and other critical checkpoints** in a building
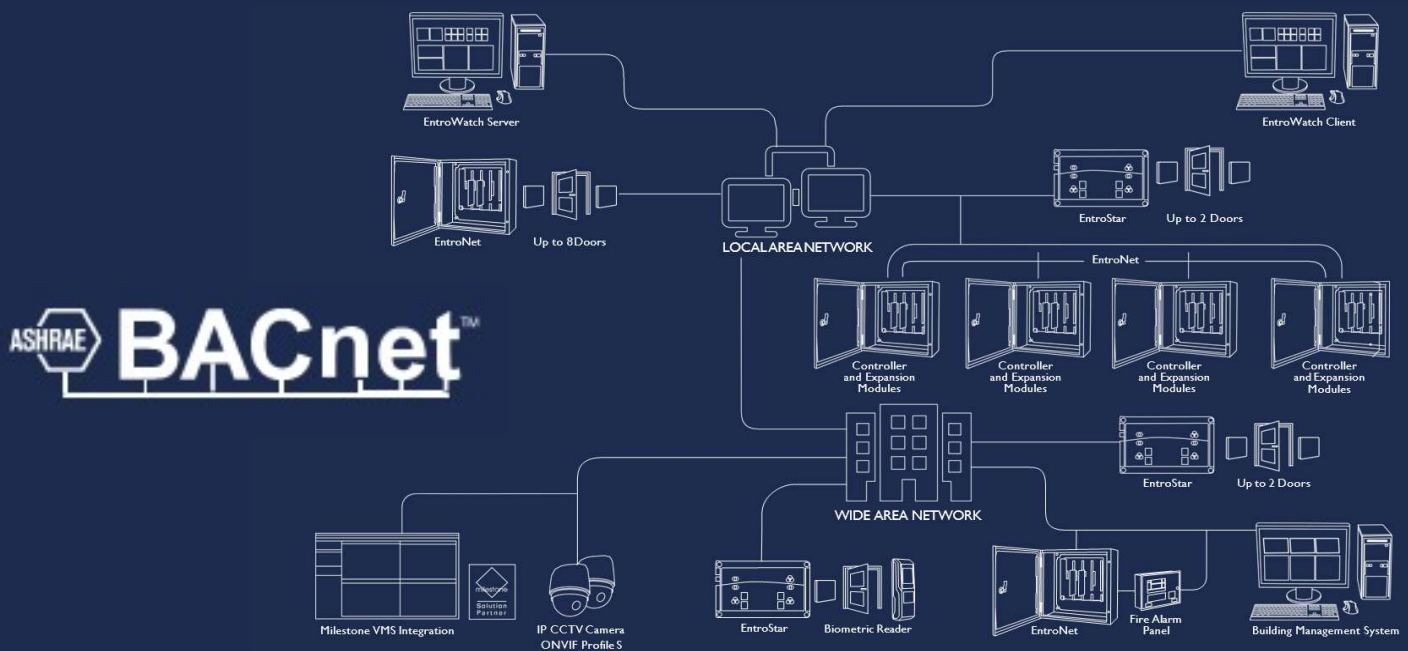
Manage People
- **Alarm notifications** can be raised to **receptions, security** and **facilities teams** to investigate

The Problem

Our Solution

- Building management systems (BMS) **operate independently**
- **Poor energy usage** and **low productivity**
- Rooms can be **heated or cooled unnecessarily**
- Poor **air quality / high** CO_2 levels

- **Connect BMS to the Entro series using BACnet**
- Access the **door usage** information to optimise building management systems
- **New CPD seminar** available from Remsdaq

CPD MEMBER
The CPD Certification Service

ASHRAE BACnet™

EntroWatch Server

EntroNet — Up to 8 Doors

LOCAL AREA NETWORK

EntroStar — Up to 2 Doors

EntroNet

EntroWatch Client

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

IP CCTV Camera ONVIF Profile S

EntroStar

Biometric Reader

EntroNet

Fire Alarm Panel

Building Management System

Native BACnet

- **EntroStar** and **EntroNet** controllers incorporate the **BACnet** building automation protocol defined by ASHRAE, ANSI and ISO16484-5
- Using **BACnet/IP** the EntroSeries family can **integrate with smart building management systems** (BMS)

Health & Wellbeing

- The **health and wellbeing** of all is paramount to employer, employee, visitor & customer **peace of mind.** Optimising building ventilation ensures a continuous fresh air supply while diluting indoor air contaminants

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

CPD MEMBER

The CPD Certification Service

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**

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

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