Cortech Developments

Software integrations for Security, Fire, Safety and Building Technologies

ISO 9001 CERTIFIED
UKAS
British Assessment Bureau

CPD CERTIFIED
The CPD Certification Service

ENDORSED TRAINING PROVIDER
Institute of Sales Professionals

nqa ISO 27001 INFORMATION SECURITY MANAGEMENT
UKAS MANAGEMENT SYSTEMS 0015

CYBER ESSENTIALS CERTIFIED

Carbon Neutral Britain™
CARBON NEUTRAL BUSINESS 2022

CORTECH DEVELOPMENTS - YOUR TRUSTED PARTNER SINCE 1992

Established in 1992, Cortech Developments is a successful UK based company who specialise in software integration solutions for smarter building, fire, safety and security systems. With a proven track record in delivering software development and integrated system solutions throughout the UK and globally for high security environments and critical infrastructure, enabling organisations to reduce operational costs and enhance operational efficiency.

Cortech Developments is a completely independent organisation that provides expert software integrations for clients across an array of different sectors. Our unique position leaves us unaffiliated with any control equipment manufacturers or distributors. This allows us to deliver uncompromising solutions that help clients to utilise their existing investment in legacy technology, whilst enhancing their systems with the latest product innovations.

Our core product Datalog, provides a single point of control and monitoring for building, fire, safety, and security systems including Access Control, ANPR, Asset Tracking, Data Monitoring, CCTV, Cell Call, Fire, Intercom, Intruder, Perimeter, Staff Safety, Building Alarms and other emerging technologies.

Datalog is a modular software suite designed to simplify the control and management of otherwise disparate systems into a centralised graphical user interface. In addition to streamlining system operations, Datalog increases situational awareness and accountability while reducing risks and your operational costs.

Managing modern day buildings systems can be a significant challenge. This is particularly true in the instant of simultaneous events and prioritising an effective and efficient response.

From a single control room, the events at a wide range of remote sites can be monitored and controlled quickly and effectively.

System warnings, events and alarms are all clearly identified [with pre-determined event help information], prioritised, graphically located and visually verified with automatic CCTV video to enable a more efficient and accountable response.

Information is critical in managing an efficient and effective control room and a key component of our software solutions is the process for obtaining quick and simplified reports. All system actions are logged, which is a powerful tool in determining the sequence of events should any historical analysis be required.

Reports include alarm event analysis which can be either manually or automatically generated. Alarm analysis will search, correlate, and collate information to produce quick view graphs to identify trends and patterns.

OUR PRODUCTS

datalog   datalog MV   datalog ion

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CENTRALISED MONITORING AND CONTROL

Your control room is the central intelligence point for managing and evaluating a wide range of monitoring and control equipment. Response to either minor or critical events is very dependent upon the experience and knowledge of your operator.

Encountering problems within your control room?

- Training is experience dependent.
- Information is spread across different systems.
- Incident and response can be open to interpretation.
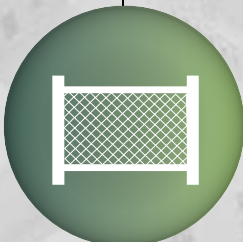- Accountability is difficult.

Cortech's integrated software management system delivers an effective solution:

- Identifies and verifies information while assisting with incident control and events in an organised manner.
- One operating routine for all systems makes it easier for operators to understand events, respond and direct resources effectively.
- A single database for all systems ensures operational accountability, greater management control and a full audit trail of events.
- Response to events can be pre-determined with video verification and on-line help instruction.

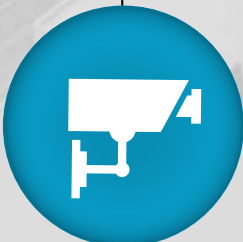**A single operating platform for all of your manufacturers control equipment**
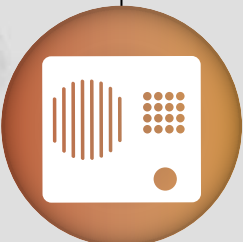
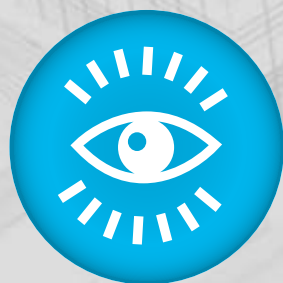| Fire	Perimeter	Access Control	CCTV	CCTV Analytics	Intercom	Staff Safety	Intruder	BMS Energy	Cell Call

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SO WHY CORTECH?

We can assist you in making the most of your current technology investment and prolong the life of legacy systems. Based on our extensive experience within the software solutions sector, we will devise specific strategic objectives based on your individual project.

These discussions would revolve around:

Mitigating risk and escalation

Increasing situation awareness

Providing greater verification and accountability

Ensuring visibility of data

Reducing your operational costs

Providing return on investment

After developing 5 generations of innovative command and control software, we have delivered integrated software solutions for many critical infrastructure and high security environments.

Our systems are currently being used in facilities within sectors including government, military, custodial, healthcare, utilities, transport and many more.

Our products range from basic modules with simple commands to our powerful, versatile software suite in Datalog 5. Through selecting and modifying the most appropriate product to suit your needs, Cortech's experts can help your facility improve its operational safety, security and efficiency.

Our integrated software system delivers an effective solution:

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• One operating routine for all systems makes it easier for operators to understand events, respond and direct resources effectively.

• A single database for all systems ensures operational accountability, greater management control and a full audit trail of events.

• Response to events can be pre-determined with video verification and on-line help instruction.

• Helps your buildings operate at a higher level of efficiency, with a greater situational awareness and reduced energy consumption.

• Distinguish genuine alerts from false alarms, safeguarding employees, assets and resources.

SMARTER BUILDING PERFORMANCE

Buildings should be considered as an evolving project which changes throughout its life and will be affected by modified use. With the evolution of information technology, investment in systems should not become an expensive mistake by the virtue of their inflexibility.

Our solution enables interoperable strategies to be implemented, to deliver common 'look and feel' control, monitoring, alarm handling, analysis and management reporting tools.

Improved visibility of systems data improves the potential for both human and software analysis of building performance. Delivering holistic analysis and corrective action, provides the ability to maintain optimum performance, for more efficient environmental comfort, safety and security.

Cortech's command and control solution enables real time monitoring and control of smart building technology. This reduces the need and overhead cost for a dedicated manned BMS control desk.

Whilst security operations may remain as a standalone responsibility, improved interfacing will assist with communication and management of 'out of hours' response.

Water System

Energy Monitoring

Temperature Control

Fire Detection

CCTV

Intruder Detection

Door Access

Perimeter

Vehicle Access

Real Time Monitoring

Graphical User Interface (GUI)

1 Alarm Active

Mimic Screen

Detailed Reporting

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TAILORED SOLUTIONS & SUPPORT

Providing software integrated solutions for smarter technology interoperability, which benefits users with greater visibility and accountability, increased productivity and a lower cost of ownership.

This comprehensive suite of software facilitates unrivalled control and monitoring of otherwise disparate operational systems. Using Datalog, clients can integrate their security, safety, fire and building systems to create and maintain a safe and sustainable environment.

Software Development
We are committed to the development of software for both existing and new technologies and understand how this process can improve our user's experiences, increase visibility, reduce risks and provide them with more feature-rich and innovative products.   By working intimately with third-parties, we can integrate an array of different software to streamline its operation. Our independent status allows us to meet the requirements of each client without limitation or compromise.

Innovation
Our commitment to innovation through working with our Technical Partners and existing users of our software, enables us to provide the very latest technological solutions that meet the evolving needs of our clients and their desire to mitigate risk and increase situational awareness.

Visualisation
We are able to provide you with the latest in 3D graphics for site building maps and floor plans which are all created and modified in house. The quality and resolution of these maps provides clear, concise and pinpoint location of buildings, rooms and control systems which enables the operator to react to events quickly and effectively.

Training
All our learning and development is delivered online and sessions are tailored to meet the needs of delegates, while remaining fully interactive, allowing for participants to contribute and engage in discussion throughout. Providing the necessary hands-on experience of the system ensures delegates have time for the all-important "practical" experience with Datalog in order to help with their overall understanding of the systems.
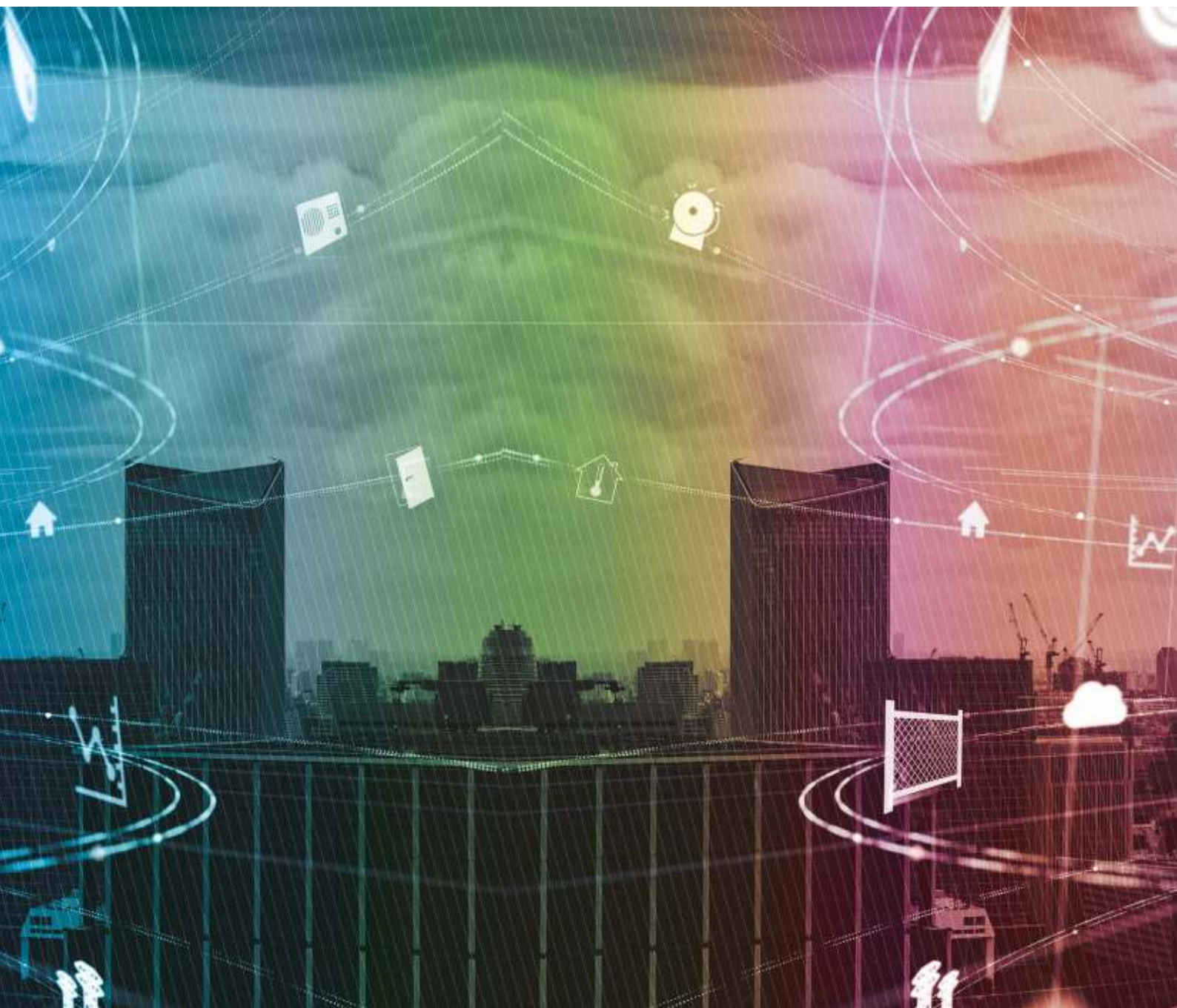
Support
When it comes to risk management, it is prudent to have preventative measures in place. In this way, wider business strategies can avoid emergent situations with greater consistency. We recommend that all our installed software systems are covered with the appropriate support agreements, which will provide you with in-house resources and expertise for remote diagnosis/resolution over the telephone or on-site.

Information Security
At Cortech we understand more than ever that your business data must be kept secure. ISO 27001 certification demonstrates that we have identified the risks, assessed the implications and put in place tried and tested controls to help to minimise any risk to your business data. We strive to protect you as an organisation along with your data and we work to ensure our processes comply to the highest security standards so no one can get illegal access to your information.

Whether you are a building owner, consultant, integrator or manufacturer, Cortech can work with you to maximise workplace safety, security and building efficiency.

To discuss your requirements and specific circumstances and systems, please get in touch with our team today on 01925 750 600 or email sales@cortech.co.uk

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