SIEMENS

Migration that supports business continuity

Keep fire safety systems at the cutting edge of performance with Sinteso

Migration from Siemens AlgoRex to our latest fire protection system, Sinteso, can be achieved with the minimum of disruption and expense. Not only will you benefit from improved fire safety performance, but you will also have the reassurance of a seamless transition as all our technology has full backward compatibility. And as with all Siemens fire technology, the reliability of our hardware and unique intelligent signal processing means zero unwanted alarms, now and in the future.

Why migrate?
As fire safety technology ages, the risk of failure increases and the potential impact on your business could be high. You are also not benefiting from the huge advances in fire detection technology made over the past few years. An upgrade will mean improved system performance, reduced risk and lower maintenance costs.

Key benefits
• Ensure and maintain the future performance of critical fire safety systems for many years ahead

• Remove the potential for future high capital costs and deliver future cost certainty

• Eliminate the risk of obsolete and unsupported critical systems

• Minimise disruption to business continuity as new systems are tested without loss of coverage

• Reduce lifecycle costs as new technology reduces engineering manpower and offers remote servicing

Advanced detection technology
The latest technology ensures you remain fully protected against risk of fire and Siemens' new Sinteso fire systems surpass the requirements of EN 54 with superior detection, offering the earliest possible warning of fire. **ASA***technology* delivers in-built intelligence; detectors evaluate each situation minute by minute and take decisions on complex criteria, eliminating the potential for unwanted alarms due to environmental influences such as welding or steam. Each device is highly intelligent and 100% reliable and can easily be adapted to reflect environmental changes in room usage. If there is power failure during a fire, there is no loss of device and alarms are still reported even in degrade mode; sounders will still function as designed and cause & effect will continue to operate throughout the entire fire system network.

Improved integration, open protocol and IP connectivity
Sinteso technology uses industry standard BACnet protocols; this enables low cost integration to both Siemens and third party systems such as security, energy management and building services.

The software is licensed to the end user under a managed protocol. This provides you with choice about how you maintain your life critical systems and ensures that engineers have the appropriate training and certification. Sinteso fully supports TCP/IP and can now connect directly onto your network.

Superior reporting
Our new systems make it possible for Siemens engineers to 'dial in' to interrogate faults and carry out improvements from a remote location; this has a significant impact on achieving a first time fix rate and improving customer service. You retain full control and remote access is only at your discretion. A further advantage is the availability of detailed reports on system performance that include all testing and event history.

www.siemens.co.uk/safe-secure-sustainable

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Smart testing for lower lifecycle costs

BS 5839-1 requires your fire system to be regularly tested, and during this process you often lose coverage across protected areas. In some instances this means out of hours testing is the only option. Furthermore, older technology requires two-man testing which is costly. With Sinteso, reduced functionality is no longer an issue as new systems incorporate 'Total Building Test', meaning your fire technology can be checked without any loss of coverage. It can also be tested in normal working hours without risking unwanted evacuations, and testing can now be carried out by a single engineer.

More responsive transmission system

Our new transmission systems offer much more advanced networking that is faster and simpler to implement. Ageing networks that are no longer fully supported and are slow, unresponsive, complex, inefficient and expensive to maintain can now be re-utilised and migrated to our BACnet platform. Our modern networks support 'plug and play' technology, improve your system's performance and device response times, and deliver significant cost reductions.

Seamless migration

To facilitate a smooth transition from AlgoRex to Sinteso, customers can take advantage of the Sinteso Move base. This is a multi-protocol detector with 'plug and play' interfaces to AlgoRex that enables fast installation of new replacement devices onto the existing infrastructure, without any cable stripping. To maximise efficiences this can be carried out by a single engineer utilising bespoke smart tools.

Furthermore, we have developed a specialist conversion tool to ensure seamless transfer of the existing cause & effect software to Sinteso, saving valuable time on commissioning and software configuration.

Fire management software

Desigo CC is Siemens' latest integrated fire management system, providing centralised supervision and alarm handling. Desigo CC displays the status of fire detection devices in real time, minimises risk by adopting a rule-based response to threats and incidents, improves control of site operations and maximises manpower resources.

Lifecycle support

The Sinteso range has been specifically designed to reduce the overall cost of system ownership by offering high asset availability and more efficient use of engineering resource. With Siemens as your manufacturer and service provider, you are not only benefiting from the most advanced fire technologies, but also enhanced product knowledge, accountability and high level support.

Our specialist team focuses on the protection of organisations and infrastructure across the UK. We work with our customers to improve regulatory compliance and to meet each project's specific operational standards. Siemens' solutions and services integrate seamlessly to deliver a high-level safety culture.

Our services include consulting, planning, designing, engineering, commissioning, full documentation, training and maintenance. We also offer finance options that enable the benefits of migration through staged payments over time, negating the need to raise a capital sum.
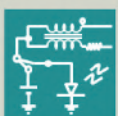
Our services and solutions

1 | Services

- CONSULT
- DESIGN
- FINANCE
- INTEGRATE
- DELIVER
- SUPPORT

2 | Security & Fire

- INTRUSION
- ACCESS
- VIDEO
- ANALYTICS
- FIRE
- EVACUATION

3 | Command & Control

- MONITOR
- RESPOND
- ANALYSE
- MANAGE
- DEPLOY
- COMMUNICATE