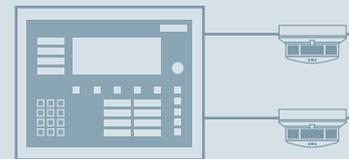**SIEMENS**

Smart modernization
of your existing system

**Replace your existing fire alarm system with Cerberus PRO:
get the latest detector technology and powerful control panels.**

Answers for infrastructure.

1

Existing conventional
fire control panel

Smart modernization step by step – with Cerberus PRO

With Cerberus PRO, you can easily modernize your existing fire alarm system and benefit from the latest detector technology like the unique **ASA**technology from Siemens. What's more, you can migrate your system in phases – according to your needs and budget.
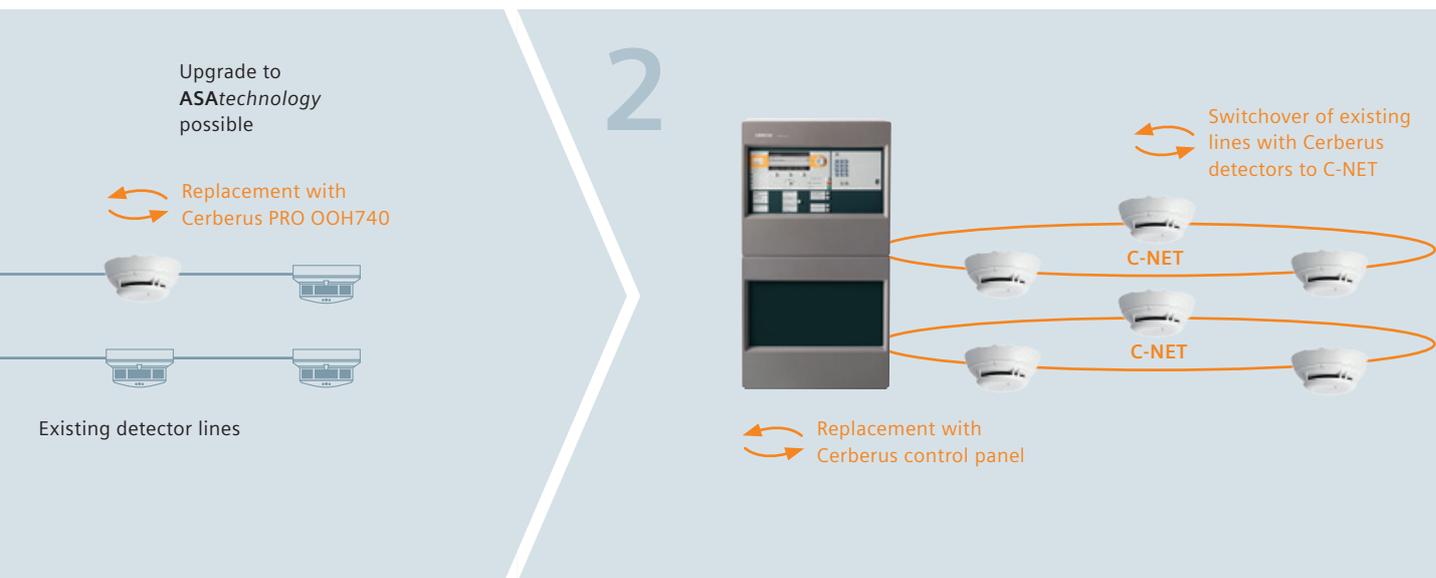
Keeping fire safety up to date
Older systems often no longer meet the safety requirements currently prescribed for new installations. Nuisance alarms may occur, disturbing your business processes. Additionally, older systems require increasingly intensive maintenance. And as time goes by, many factors within your company may change – whether product services or working methods and procedures. All these aspects affect your safety needs, which is why a fire alarm system requires timely modernization.

In two phases to a modern fire protection system
The Cerberus™ PRO modernization solution comprises two phases: fire detectors will be replaced first and then the control panels. Both phases can be completed in several steps. This ensures maximum system availability and minimum interruption of your business processes during the entire modernization project. Your staff and visitors will be almost entirely unaffected, too.

Furthermore, phased migration offers you the advantage of bringing modernization in tune with your requirements and budget. Simply modernize at your own pace – and benefit from better budget planning thanks to staggered investments.

Upgrade to
ASAtechnology
possible

Replacement with
Cerberus PRO OOH740

Existing detector lines

Switchover of existing
lines with Cerberus
detectors to C-NET

C-NET

C-NET

Replacement with
Cerberus control panel

Phase 1: step-by-step detector replacement

In a first phase, the latest detector technology is introduced into your fire protection system. The existing detectors are replaced with Cerberus PRO detectors, either one by one or section by section. There's no need for additional construction measures, as existing cables can be simply reused. The detector exchange can even take place as part of a scheduled maintenance. The old detectors will be removed and recycled professionally, even ionization detectors are entirely recycled.

The Cerberus PRO detectors have a dust-resistant measuring chamber patented by Siemens and redundant sensors and provide high EMC protection. As a result, fire detection and signal analysis become more reliable than ever. Furthermore, Cerberus PRO is a future-proof investment: Once fully installed, you will gain access to intelligent multi-sensor technology and the unique **ASA**technology™ from Siemens – for unsurpassed detection reliability in any environment.

Phase 2: comfortable modernization of control panels

In a second phase, your existing fire control panels are replaced by the powerful Cerberus PRO control panels. Now you can enjoy all the benefits of the advanced technology from Siemens – including highest safety requirements thanks to the integrated degrade mode, which will keep your system operational even if a main board failure should occur.

The Cerberus PRO control panels provide an intuitive user interface: user-friendly menu guidance and clear intervention texts support security staff to react correctly in a stressful situation like a fire alarm. The panels are able to process even the most complex fire controls. For example, in the event of a fire, smoke flaps will be automatically opened and elevators directed to a safe floor. You will also benefit from unique networking options with the latest EN 54-approved, industrial LAN technology. It allows multiple control panels to be clustered into a network via a fiber-optic backbone. This makes Cerberus PRO control panels the ideal choice whatever the size and complexity of your application.

Highlights

- Best protection of people and assets – through deception-free detection, intelligent safety functions and powerful panels

- High system availability – no interruption of business operations

- Long-term investment protection – with innovative and future-proof technology platform

- Protection against false alarms – thanks to unique **ASA**technology

- Latest control panel technology – providing intuitive operation and innovative functions

The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

Answers for infrastructure.
Our world is undergoing changes that force us to think in new ways: demographic change, urbanization, global warming and resource shortages. Maximum efficiency has top priority – and not only where energy is concerned. In addition, we need to increase comfort for the well-being of users. Also, our need for safety and security is constantly growing. For our customers, success is defined by how well they manage these challenges. Siemens has the answers.

"We are the trusted technology partner for energy-efficient, safe and secure buildings and infrastructure."

www.siemens.com/cerberus