Smart modernization of your existing system

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

www.siemens.com/cerberus-modernization
With Cerberus PRO, you can easily modernize your existing fire protection system and benefit from the latest detector technology like the unique ASA technology from Siemens. What’s more, you can modernize your system in several steps – 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 products, services or working methods and procedures. All these aspects affect your safety needs, which is why a fire protection system requires timely modernization.

Two phases to a modern fire protection system
There are many ways to modernize your existing fire protection system with Cerberus™ PRO: You can first replace the fire detectors and then the control panels. Or you can replace the control panels first, connect the existing detector lines with the input/output module “transponder” and replace the detectors later on. Whichever option you choose, you can complete both phases in several steps. This ensures maximum system availability and minimum interruption of your business processes during the entire modernization project. And your staff and visitors will be almost entirely unaffected, too.

Furthermore, phased modernization 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 and staggered investments. The following example describes the first modernization scenario.
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 ASA neural fire 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: 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, fire flaps will be automatically closed and elevators directed to a safe floor. With Cerberus-Remote and Cerberus Mobile, you can also access real-time system information and remotely operate your system from anywhere. 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.
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.”