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# Reliable fire safety for Staybridge Suites hotel with Cerberus PRO

High-quality technology combined with expertise and efficient partnership enable reliable protection of hotels.

One of the first Cerberus PRO fire safety systems in Russia protects now reliably the new Staybridge Suites hotel in St. Petersburg. The installation has been realized by the Siemens Solution Partner Confident within a tight schedule. The successful project was based on an efficient partnership, expertise, and technological capability.

## The project

The new Staybridge Suites hotel in St. Petersburg, Russia, is an innovative, all-suite hotel with 294 rooms to meet the needs of extended-stay guests. It is the very latest of the Staybridge Suites chain and part of the world's leading hotel group IHG (Intercontinental Hotels Group). The new hotel is the first of four planned in the Russian city. Staybridge Suites is well established in the USA with 118 hotels already open. The new hotel in St. Petersburg is part of a planned expansion program across Europe and the Middle East.

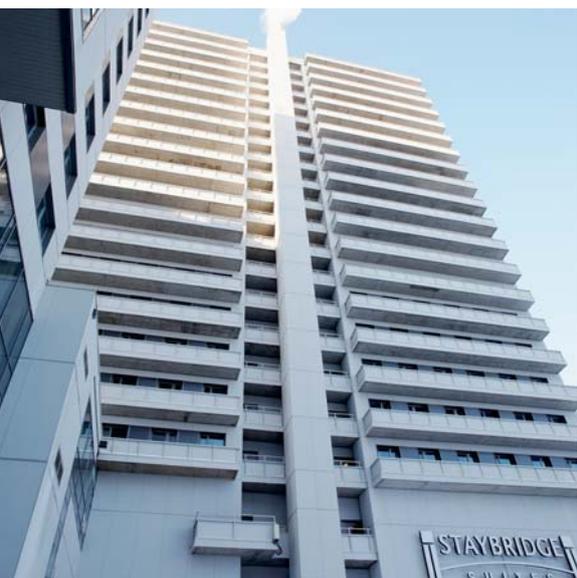
## The challenges

Large hotels offer particular challenges to security and fire protection systems. With so many guests – some still engaging in unauthorized smoking – and hotels

invariably having busy kitchens and other hazards, the potential for false alarms is ever-present. Reliable fire detection to safeguard the lives of guests and staff is a priority. But the prevention of unwanted false alarms and any ensuing full-scale evacuation of the hotel is also very important.

The customer's main priority was the gaining of full compliance not only with local Russian fire regulations but also with the requirements of the IHG risk management team. Also, having experienced delays to the opening of a previous hotel, IHG was requesting the completion of the project within time schedule. For their hotels throughout the world, they were looking for replicable technologies that can be applied consistently and efficiently worldwide.

Answers for infrastructure.



### The solution

From April to September 2010, the Siemens Solution Partner Confident installed, commissioned, and successfully tested the Cerberus® PRO fire protection system integrated into a MM8000 danger management system. The fire safety system comprises three FC724 panels and one FT724 terminal, connected via a cluster. Thanks to the special algorithms and selectable parameter sets of the 1,200 OP720 smoke detectors (306 with sounder bases), seven HI720 heat detectors and 89 manual call points, highest reliability and minimized false alarms are guaranteed. Guided alarm treatment as well as integration with other security-related subsystems is possible with the MM8000 danger management system.

A cause and effect programming facilitates protection in a fully automated way with a specific timing pattern – e.g. phased evacuation or the integration of smoke and fire damper controls within high-rise hotel blocks.

### The benefits

“Having worked on previous projects with Siemens and their customized hotel solutions, we were confident in their ability to support us on this project, too, at all levels through the combination of customer relationship management, local expertise, and technological capability. We were also convinced that their chosen partner, Confident, were highly experienced and would readily be able to complete the awarded scope of work, gaining all necessary approvals and completing comfortably within the demanding time schedules”, commented Mr. Jon Arrenberg, Director of Brand Safety Design – EU, ME, and Africa at IHG.

Petr Kuznetsov, General Director of Confident, stated: “We have an excellent partnership with Siemens. The support and technical expertise that they provide as part of this relationship were important factors in this prestigious project.”

### Highlights

- Fast and reliable fire protection without false alarms
- Full compliance with local fire regulations and the customer’s risk management requirements
- Replicable technologies thanks to scalability and wide range of peripheral devices
- Protection in a fully automated way thanks to powerful cause and effect programming
- Timely project and system handover thanks to an efficient partnership

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