

AGORA Translational Cancer Research Center

Protecting your world

Project Overview

Chubb Sicli oversees the fire detection in several buildings of the University Hospital & Medical Center (CHUV) in Switzerland.

Part of the hospital complex, the new AGORA Translational Cancer Research Center opened in October 2018 in Lausanne, Switzerland. Funded by the ISREC Foundation, it is a partnership between four major institutions: the CHUV, the University of Lausanne (UNIL), Swiss Federal Institute of Technology Lausanne (EPFL) and the ISREC Foundation.

Chubb Sicli installed and manages the fire detection across the seven-storey Cancer Research Centre building, which contains 6,000 square meters of laboratories. The building is designed with clustered offices and open labs that are not delineated by research group, and there are also interaction spaces close to the offices and labs. The purpose of this design is to foster interaction and collaboration between physicians, biologists, immunologists, bioinformaticians and bioengineers to stimulate new ideas.

However, this design and layout presents many challenges in terms of providing fire detection and prevention. For example, keeping the sound and lighting needs under control in order to not disturb the research, which is a challenge when installing more than 1,000 fire detection units. The same requirement for minimal sound or light disturbance means that there is a specific alarm hierarchy in the Cancer Research Centre. If a fire detector is triggered, or if there is a fire, security agents are first informed, and then on-site fire fighters are activated.

Customer Needs

- Installation of a comprehensive fire supervision system across the whole University Hospital & Medical Center (CHUV) without disturbing ongoing research activity.
- Provide fire detection system in the AGORA able to support specific alarm hierarchy, ensuring no loud alarms be triggered, but alarm system triggers for on-site fire fighters.

Solution and Benefits

The installation was a complex task, and Chubb Sicli's technicians began by installing three fire detection units with two repeating boards. In total, they installed more than 1,000 fire detectors across the site as well as specialised detectors, including linear fire detection and fire detection for explosive atmospheres, a unique challenge for the AGORA Cancer Research Centre. These detectors are now connected to Chubb Sicli's fire detection system and a Control Center that oversees all of the hospital's sites.

Chubb Sicli's experience in installing systems in the medical sector (in hospitals, elderly homes and other medical institutions) and knowledge of Lausanne University Hospital helped to make this project a success. Throughout the installation year, Chubb Sicli provided an onsite technician with expert knowledge of the site's internal procedures. Chubb Sicli's technicians' detailed knowledge of the building was a significant advantage in the integration of this new building into the existing fire detection system.

Project Summary

Chubb Sicli's fire detection system provides total protection of the entire AGORA building and is perfectly integrated into the CHUV fire protection system.



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