

## Fire protection systems from Siemens make Hotel Montana a perfect place for relaxing.

#CreatingPerfectPlaces

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*"We've always got guests, our house is always full, so we cannot afford business interruptions."*  
Hans-Jörg Bucheli – Head of Technology Hotel Montana

### The Project

Awarded the title "Swiss Hotel of the Year 2018/2019", Art Deco Hotel Montana is known for its historic furnishings and over 100-year-old tradition. The four-star superior hotel offers an incredible panoramic view of Lake Lucerne for 25,000 guests annually and is also known for being an important cultural center in the city of Lucerne.

To ensure the safety of guests, staff and hotel furnishing as well as to enable continuous and safe business operations, Hotel Montana needs a reliable fire protection system that can be modernized continuously.

### The Challenge

Hotel Montana is committed to optimally protecting its guests with the latest fire protection technology. Due to the continuous opening hours, Art Deco Hotel Montana requires a fire protection solution that can be modernized continuously without disrupting business operations.

Inside the hotel there are 62 rooms, a bar, a kitchen, several dining rooms and a 6500m<sup>2</sup> spa area. There are also a staff house and an associated hotel management school in the hotel's immediate vicinity. The hotel needs a single solution to monitor three buildings according to the characteristics of the different areas. For example, the Kitchen Club, a unique open kitchen run by star chef Johann Breedijk where guests are in direct contact with the staff, puts special demands on the fire protection system: It requires fire detectors that can provide optimum protection for guests and staff in the harsh kitchen environment without causing false alarms.

### The Solution

Hotel Montana is equipped with an AlgoRex fire control panel, 250 Sinteso™ fire detectors, 160 AlgoRex fire detectors and 90 collective smoke detectors. Thanks to forward and backward-compatible fire protection products from Siemens, partial modernizations can be carried out.



For example, the latest Sinteso fire detectors with **ASAtechnology™** are currently controlled by an older-generation AlgoRex control panel. The fire detectors of individual hotel parts or floors are also from different generations and can be replaced at different times.

**“Most of the time we started replacing the detectors in the morning and at 5 p.m. the room could already be used by new guests.”**

Hans-Jörg Bucheli – Head of Technology  
Hotel Montana

In the kitchen, 34 Sinteso fire detectors with **ASAtechnology** are installed, which can reliably distinguish between real fires and deceptive phenomena caused by cooking. The fire control panel monitors the fire detectors of three different buildings and is located at the hotel reception, which is manned 24 hours a day.

Furthermore, 50 manual call points as well as 35 Sinteso alarm devices, 10 Sinteso fire control modules and an Algorex control terminal are installed.

#### **The Benefit**

The flexible installation in stages allows for undisturbed, secure business operations and avoids unnecessary costs. State-of-the-art Sinteso fire detectors increase security for guests, employees and property through reliable detection. The **ASAtechnology** used is extremely reliable in preventing false alarms caused by deceptive phenomena such as steam, which is essential for the protection of employees and guests.

**“The safer we are, the more open we can be.”**

Johan Breedijk – Head Chef  
Hotel Montana

#### **Highlights**

- The forward and backward-compatible fire protection products enable modernization in stages
- **ASAtechnology** reliably prevents false alarms

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