CASE STUDY:
University of Ghent - Belgium
HIGH-VOLTAGE TRANSFORMER ROOM INSTALL

The Building:

The University of Ghent consists of many buildings all of different ages, some of these buildings house high-voltage transformers which are controlled and monitored by the technical staff at the University. Some of the newer buildings have sealed material but many of the older buildings still have open, but secured, cabinets.

The Challenge:

Every room has one or more fire detectors which need to be tested at least once a year. Organising access is not always easy - for safety reasons a minimum of two people are required which takes up a lot of time and money. A solution was sought which would offer an easier, risk free method of functionally testing these detectors.

As these were high-voltage rooms any installation work carried out needed to be fast, clean and easy. The University also presents other challenging areas including rooms with biohazards and isotopic experiments.

The Solution:

The University started to look for alternative cost effective and efficient ways to carry out accurate functional tests of the detectors. Key to the search was finding a method which would save time and money whilst maintaining the safety of staff responsible for the system. Renewing the entire fire detection system was not an option so the University focussed on enhancing the system already in place. Their research led them to Scorpion.

"The installation was easy and straight forward, minimum effort was required to install Scorpion and control unit and safety is now guaranteed whenever a detector in a high-voltage room needs to be tested"

Bart Goossens, University of Ghent.

The University started by installing one Scorpion in a high-voltage room close to the Technical Service department. Once this installation was successfully carried out and monitored, further installations were planned and carried out. They began analysing all the buildings in their campus for consideration of a Scorpion, realising how useful it would be for many of their most problematic detectors.

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