

EUREF Campus Boosts Visibility with Comprehensive Pelco Solution



Success Story at a Glance:

- Using a range of Pelco cameras, VideoXpert Professional VMS, and various accessories, campus leaders are better able to detect and respond to incidents in real-time.
- High-quality video is readily available to aid campus officials in incident response and management, as well as investigations.



The Customer

The [EUREF campus](#) which boasts a size of 55,000 square meters, is located in Berlin, Germany. It is a laboratory for smart urban development and highlights how the smart city district of the future can become reality. Ecologically and economically sustainable ideas have transformed the traditional industrial area into a future-orientated location for business and industry, science and politics.

With its main focus of work on energy, sustainability, and mobility the EUREF became a center for the German Energy Transition. The campus comprises energy and technology giants such as Cisco, Deutsche Bahn and Schneider Electric, but also various medium-sized enterprises, start-ups and research institutions.

Nearly 4.000 people use the EUREF campus, ranging from service employees to sustainability researchers and other similar areas of knowledge to help pioneer advances in energy and climate business. In fact, 2014 was the year that the campus met the federal government's climate goals, which were originally meant to be set by 2050.

Schneider Electric is leading in energy management and automation and one of the most important partners on the EUREF campus. The company operates a micro smart grid there, which is a decentralized energy system of the future. It generates, distributes, and regulates the flow of electricity to the consumer and connects local renewable energy sources such as photovoltaic systems and a combined heat and power plant with storage media and loads through an intelligent control system. Schneider Electric shows how the intelligent connection of buildings, infrastructures, and electromobility can make the energy and mobility transition reality. Pelco is now connected to this smart system.

The Challenge

When it comes to securing areas like the EUREF campus, security teams must adopt surveillance solutions that can operate in a broad variety of settings. For example, a basic surveillance camera that is designed for well-lit areas such as an entrance may not function properly in low or difficult lighting conditions, which could pose a major security risk; alternatively, the gap in visibility can also increase the likelihood of damaged or stolen property.

Another challenge faced by security teams in areas like the EUREF campus is the management of storage and bandwidth. Monitoring such a large space on a 24/7 basis can place major strains on video management systems and may even potentially decrease operational efficiency as a result.

Case Study: EUREF Campus

The Solution

Uwe Riepe, Managing Director of SV Service and Technik, shared that the surveillance system adopted by EUREF consisted of 20 cameras from the [Esprit Enhanced](#), [Sarix Professional](#), and [Spectra Enhanced](#) series. The cameras were installed in a single undisclosed location within the campus. Known for their ruggedness, they are designed to withstand a wide range of environmental and man-made conditions.

From the Spectra Enhanced solution, which contains a feature that equalizes both very dark and extremely bright areas in the same area, to the Esprit Enhanced series, which provides IR illumination for areas with no light, the cameras were also selected for their ability to provide clear images of the scene, regardless of lighting condition.

In addition to adopting the cameras, Riepe explained that the EUREF campus added VideoXpert 3.2 as part of their update. Specifically, they installed [VideoXpert Professional](#) with a Flex Server, two workstations, a Pelco Keyboard, 3D Mouse, and three 55-inch monitors for a comprehensive surveillance setup.



The Result

“VideoXpert has demonstrated an outstanding performance,” Riepe said. “With access control capabilities, the entrance can now be monitored in such a way that the security team won’t have to go to the entrance themselves.” He added that both the entrance and the fences are able to be observed clearly at night, providing the security team with enhanced situational awareness.

Riepe added that the incidence of property damage and theft could be properly addressed as a result of increased visibility from the cameras and faster detection capabilities. “With the Pelco solution, we now have a way to address incoming incidents and respond accordingly based on incoming, real-time information.”

Learn more about [Pelco's](#) full range of surveillance solutions.

