School Guard – The Mobotix / Irisity success story

Camera manufacturer MOBOTIX and Irisity work closely together in a successful partnership to safeguard schools in Sweden. Today the city of Gothenburg safeguard 65 schools outdoors and 17 schools indoors through Irisitys product School Guard and CCTV. Most of these installations are using Mobotix cameras.

A customer in need of surveillance technology

With an increased need for camera surveillance, rooted in a rising vandalism and gang criminality in school areas after education hours, the security department in Gothenburg city started looking around for new solutions to get ahead of their problems. Every year large sums of money had to be spent on clean-up of graffiti and vandalism, as well as repairs of broken windows and property. An even bigger problem was the unsafe environments that started to emerge from gang criminality as soon as normal school hours ended.

Peter Granfeldt Head of security for elementary schools in Gothenburg city

"We needed a solution that would both protect the integrity of the students, and still convey the message of a closely monitored area. With this intelligent system we are now able to instantly direct resources to the right place at the right time."

Challenges

- Safeguard school environments from criminal activity without intruding on personal integrity of children
- Harch environments prone to attempts of intentional damage to camera equipment

Goals

- Reduce damage costs of vandalism
- Create safe environments for students and faculty
- Deliver a high-performing package deal that is easy to use and quick to get started with

Customer value

- Cost reduction of vandalisation damage up to €50.000 euro
- Anonymization filter enables quick implementation as permit for camera surveillance is not needed
- High-quality, robust and reliable hardware makes sure each site is always protected

The solution

Safeguarding multiple schools with manned guarding would have ended up as a much too expensive solution for the municipality. As such Gothenburg got in contact with Irisity to work proactively with alarm-driven video surveillance. They wanted to invest in high quality camera surveillance with intelligent video analytics, without having to sacrifice the personal integrity of the students and faculty. This way they were able to get real time alarms sent to their alarm receiving central as soon as something happened in the school yards after hours.

Today the city of Gothenburg safeguard 65 schools indoors and 17 schools indoors though IRIS School Guard and CCTV solution. The system is fully anonymized through a pixilation and detects intrusions, persons in restricted areas (such as rooftops) and prolonged loitering. In almost all of these instal-lations MOBOTIX cameras are being used.

Result

As a result of the implementation of the Mobotix cameras along with Irisitys analytics the city of Gothenburg have managed a drastic reduction in vanda-lization costs. Before the system was implemented the schools experienced annual costs of around €50.000 for vandalization. That has now nearly been eradicated. "Unfortunately, the need for camera surveillance has increased, but the investment into this solution has had a quick return of investment for us, which is great.", says Peter Granfeldt, Head of security for Gothenburg city elementary schools.

A fully functional, clean and safe school environment makes room for positive activities where the areas are able to be used as intended. Focus for the schools can be on education instead of dealing with destruction and vandalization of property.

MOBOTIX

Hardware

Most of the elementary schools in Gothenburg is safeguarded using MOBOTIX cameras.

"After extensive research including pilot testing in harsh environments the MOBOTIX cameras passed all the obstacles we though at them. The cameras are excellent at delive-ring sharp images in all kinds of light and dark conditions, bad weather, indoors and outdoors, as well as persistent towards attempts of deliberate sabotage", explains Head of Sales West at Irisity, Christian Johansson.

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– Peter Granfeldt, Head of security elementary schools, Gothenburg city

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