

# Ensuring an Innovative Learning Environment

Unpleasant for Troublemakers — Inconspicuous for Students

The Da Vinci College in Roosendaal, Netherlands, offers pre-vocational training to 3900 students. The college is a pioneer in many ways: The "Learning by doing" approach means that learning is always based around practical activities. The college's facilities are state of the art. The way the college operates is sustainable: for example, solar energy is generated on-site and special equipment makes optimum use of daylight.

## Objective & Risks — Safe Yet Relaxed Learning

In the academic year of 2016, the college acquired a new 13,500-m2 building outfitted with the latest teaching aids and modern equipment. The complex is designed like a miniature city: It has squares, shops, a restaurant, a sports hall, a nursing home, and numerous open study rooms and meeting rooms.

"We want to provide students with a pleasant and safe environment for learning and exchanging ideas," says Leon van Loon, Facilities Manager at OMO Scholengroep. "This now includes intelligent camera surveillance, which allows us to protect both the pupils and the high-tech equipment, as well as prevent theft, vandalism and other incidents."

## Solution & Benefits — Made to Last, Low-Maintenance, Effective

Cor van Raay Elektrotechniek thoroughly impressed van Loon with the quality/durability, maintenance/service, price and implementation plan of the MOBOTIX solution. Quality and effectiveness were the deciding factors, meaning high-resolution images, low maintenance requirements and low power consumption. The MOBOTIX package was attractive from a price perspective also, not least because it uses license-free video software and needs fewer cameras than rival systems.

Thirty-five MOBOTIX cameras have been installed in Roosendaal: M15 cameras with day and night sensors for protecting the immediate vicinity outdoors and i25/p25 cameras for selected indoor areas. The video systems were connected to the network using fiber-optic cables and are managed using MxManagementCenter software on an administrative computer at reception. The seamless continuation of functionality, thanks to free software updates, is a further plus point.

## Summary — Tailor-Made, Unobtrusive, Recommended

"The MOBOTIX solution was the best solution from the outset," says van Loon. "The system provides comprehensive analysis and management capabilities that we can customize to meet our needs. This means that even a lost red backpack can be found easily by color-searching the images. Thanks to our positive experience, we are considering installing a similar system at the Gertrudes College in our group."

## Key Data

### Sector

Education and Academia

### Customer

Da Vinci College, Roosendaal, Netherlands

### Partners

Coo van Raay Elektrotechniek, Bergen op Zoom/NL

### Timeframe

since 2016

### Products

M15 & i25/p25



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“MOBOTIX impressed us from the outset and all through implementation — and continues to do so with how easy the system is to control.”

(Leon van Loon, Principal)

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