



# FiftyTwoDegrees



Innovators in Security



## Advanced video surveillance

The FiftyTwoDegrees building, located in the south of the Netherlands, intends to grow into an inspiring environment for ICT in the coming years.

A black ninety meter high office tower of the same name, with a prominent 'dip' in the facade is the eye-catcher in this setting. The seventeen-storey building has a surface area of 28.000 m2. It has an open character due to the fact that it is partly open to public. The protection of a tower with such varying requirements demands a specifically tailored security system. Keyprocessor provided a solution for this: iProtect™ access control, intrusion detection and camera surveillance for the tower,

With the IP based iProtect™ Security Management System of Keyprocessor, multiple tenants can manage and control the access control system with intrusion detection and camera surveillance via one network.

## Innovative

The office tower is intended to become 'Business Innovation Center' with an international allure. FiftyTwoDegrees refers to the geographic position of the area itself: 52° to the north. This building will not be going to 'left alone'. Local real estate development already ensures the coming of several building projects like multiple shops and houses, a luxurious hotel and even another event centre will be developed the coming years.



## Staff and visitors

A part of the FiftyTwoDegrees tower, such as the restaurant on the ground floor and the car park, is open to the public, but the floors accommodating the offices of various tenants are not. The most important reason for opting for iProtect™ was the opportunity to work in a flexible and scalable manner with different databases over one network. Given that each floor has to be rented out separately, each floor is provided with a badge reader. The smartcards serve as a personal badge that have to be worn visibly by employees. NPX Semiconductors manages its own database with the personal data and access privileges of its employees.

All employees have Mifare smartcards which for the time being will be used for the access control. Payment features for the restaurant, the car park and time registration may possibly be added to the smartcard in the (near) future. At the reception desk, which is manned in the evening hours as well, one can see camera images of fixed- and dome IP cameras. Images of the corridors and the car park among other locations. Six lifts and the stairwell are located centrally in the building. To reach these, one must first pass through turnstiles. A smart card is also required for activating all the elevators. Although fire alarms are totally not passed on via iProtect™, all such information will be exchanged with the controlsystem so that doors can be unlocked in case of fire.

## Initiative

The complete initiative for building the FiftyTwoDegrees tower was all taken by NXP Semiconductors (known as the former Philips Semi-conductors). They wanted to locate to a central location where the building itself would be shared by multiple parties. This was to stimulate the knowledge and innovation sharing.

NXP Semiconductors also have aspirations to accommodate international employees living temporarily in the Netherlands. In addition to NXP Semiconductors, other ICT companies will move into the other floors in the tower.

