

## Intelligence and security under the eye of Axis cameras. Network video surveillance solution implemented in one of the most technologically-advanced and best-equipped office buildings in Warsaw.



Organization:  
Adgar Investments &  
Development Ltd.

Location:  
Mokotów, Warsaw,  
Poland

Application:  
Building and office  
security

Axis partner:  
Honeywell

### Mission

From the very beginning of creating the complex, the investor was aware of the fact that, in order to stand out in the market, they had to offer tenants something more than their competition did. They therefore chose a good, and quiet, location near the airport, and took the time to implement modern security solutions, taking into consideration the needs of the tenants. Moreover, the developer provided a large car park under the building, comprising 630 parking places and above-ground garage parking for 237 cars. In addition, the complex boasts the Adgar Plaza Conference Center, Calypso Fitness Club with swimming pool, spa, fitness club and squash courts as well as a restaurant with a cafe. The complex also possesses a central operating server of the highest security standard, equipped with two independent sources of power and power generators which support flawless operations in case of a city network outage, as well as air-conditioning with humidity control. The challenge was provision of the whole infrastructure for the complex, especially with regard to surveillance which was to operate proactively and provide perfect image quality and the possibility for simple and central management.

### Solution

Honeywell Ltd., an Axis partner, designed and assembled the access control systems, a parking system using number-plate identification, a fire detection system, a sound warning system, automatic ventilation and air-conditioning, structural cabling and a central BMS surveillance system in the ten-story buildings of Adgar Plaza – and all the systems are controlled by a digital surveillance system based on Axis network cameras.

### Result

The installation of the Axis surveillance system in Adgar Plaza constitutes an added-value highly regarded by the tenants. The comfort resulting from the feeling of security, being an effect of implementation of a flexible surveillance system cooperating with all security systems of the building, is an irresistible advantage. The system has proactive features enabling prevention of undesired events.

"I am very happy with the implementation of the latest technologies in our building. The advanced possibilities of the Axis surveillance solution constitute an important advantage for our investment. The tenants appreciate the conditions offered by us which facilitate their work. The choice of our technological partner took us a long time. We placed very specific requirements and Axis' offering turned out to be a perfect solution for our building. We took into consideration the possibilities of the products, their intelligence, management possibility, aesthetics, and simplicity of integration with all security systems and building management."

Eyal Litwin, Vice President, Adgar Investments & Development Ltd.

## Security first

Adgar Plaza buildings are one of the first convergent buildings in Poland where the structural cabling services a LAN network and the Internet, as well as all low-powered installations in the building, for the tenants' needs. The investor obtained a modern, reliable solution reducing servicing costs as well as space required for cabling, and enabling an exchange of information between the connected systems.

Modern business, in the long run, is based on company know-how, therefore data protection becomes crucial. With this in mind, the central server in the Adgar office complex has been equipped with monitoring operating 24/7, even in the case of a server malfunction (a system with redundancy). The central server has also been protected by means of a system of double-access control (proximity card readers and finger print readers) in order to fully control personnel traffic in the area. Thanks to these solutions, the investor can provide the customer with full security and constant access to their data.

The Axis surveillance system encompasses the area of the whole complex, including access to elevators and the underground car park. It also services different formats of cards which is especially important for corporate customers. In such a case, they can use the same access card in their offices located all around the world. The Axis system has also been integrated with the parking system equipped with ticket machines and license plate recognition systems. If the license plate of a vehicle is in the system database, the barrier rises automatically on approaching the entrance, without the necessity of using the proximity card, which is especially convenient during bad weather. The CCTV system, consisting of Axis network cameras and Honeywell Digital Video Manager® software, operates in the area of the whole complex, enabling constant recording of pictures from the cameras or only in the case of the occurrence of pre-defined events.

The design included a solution enabling easy future arrangement of the office area. All the provided low-powered systems have been connected to one central building management system (the so-called BMS). The integrated Honeywell Enterprise Buildings Integrator® management system provides full information concerning the condition of the systems installed in the building (alarms – also in the form of e-mail, sms reports), enabling reduction of security personnel. The added-value of such a solution is the full exchange of information between systems (e.g. initiating of recording by Axis cameras as a result of events registered by the fire detection system).

## IP visual surveillance systems as the technology of the future

Thanks to the applied solutions, Adgar office complex is one of the most technologically-advanced and best-equipped office complexes in Warsaw. The visual surveillance based on Axis network cameras has enabled the creation of a perfect system model fulfilling the role of an intelligent guard. The system, acting proactively, to a high extent eliminates potential incidents and threats. Moreover, thanks to integration with other security systems of the building, the cameras identify license plates of vehicles moving in the area of the complex, letting in only those with access rights. The same fact refers to the cameras installed inside the building – they allow for comparison of the faces of the persons entering with the data included on their access cards. The tenants agree that Adgar plaza is a building of the technology of the future.

