

Modern cafés have Axis network video solutions on the menu.

Royal Ration Network implements AXIS Camera Companion and Axis network cameras for a complete surveillance solution.



Organization:

Royal Ration

Location:

Russia

Industry segment:

Hotels/Restaurants/
Tourism

Application:

Safety and security

Axis partner:

Unimax

Mission

Royal Ration is a leader in the area of healthy nutrition in Russia. Company Dietarian Margarita Korolyeva renders services on organization, cooking, and delivery of balanced rations for the whole day; she also implements projects in catering consulting services and manages a network of authors' healthy nutrition cafés in Moscow.

Providing high-quality service is one of the top objectives of Royal Ration. In order to maintain a high level of service, control of cash desks, safety assurance, and in the interest of preventing incidents, a decision was made to equip several areas with video monitoring systems. The installation was performed at Favourite Café and two Fit Appetit fitness cafés. Due to the area distribution, the customer required the function of remote access to the video monitoring system.

Solution

Because of the small sizes of the rooms, it was decided to use cost-effective system Axis solution for small systems. Up to five devices of video monitoring were arranged and installed in the café, along with the easy-to-use and free AXIS Camera Companion software. With this implementation, the problems of quality control, safety assurance, reduction in the number of incidents perpetrated by personnel, and the prevention of incidents were solved. Moreover, the system can easily be controlled via mobile application from anywhere.

Result

Equipping the Royal Ration network with a video monitoring system allows video patrolling of café halls, cash desks, and entry/exits areas. When Royal Ration uses the AXIS Camera Companion mobile application, the customer can control all objects at once with one mobile device.

“Picture sharpness in the new video monitoring system even allows detecting pieces of money; when using Axis video cameras, we don't pass over any details. Investments into a system upgrade are completely justified; we have obtained high quality at a favorable price.”

Petr Kioroglo, Royal Ration.

Selection of integrator

In order to implement the system, UNIMAX, a company with experience in the installation of Axis equipment, was engaged. The team of professionals has fitted the video monitoring system and laid the required communication lines in a short time. The high quality of the installation allowed for starting up the system on the first try.

Camera selection and data storage organization

One of key requirements of the customer was to be able to obtain high-resolution pictures. The low-budget system previously engaged in the network's restaurants couldn't cope with the specified task. "After comparing the quality of pictures from Axis network cameras, which show details twice as well, and also comparing the expenses of the low-budget system with the Axis solution, we have made the decision in favor of Axis network video monitoring," says Peter Kioroglo.

The modern models were used in the video monitoring system for Royal Ration: AXIS M1145-L Network Camera with built-in LED IR lighting; nearly invisible dome cameras of the AXIS M30 Series: AXIS M3024-LVE, AXIS M3005-V, AXIS M3006-V, AXIS M3215-V; AXIS P3224-LV, and AXIS F34 with remote optical modules. Video cameras are equipped with the most advanced technologies currently available in the market of video monitoring: WDR (wide dynamic range) Forensic Capture, P-Iris (precise iris control), Optimized IR and Axis' Zipstream technology, which lowers bandwidth and storage requirements.

To store data received from the video monitoring cameras' SD cards, built-in cameras were used, and QNAP compact-networked storage, to which instant access can be obtained from any workstation. The archive capacity with HD and Full HD resolution is 30 days. The possibility to use Axis' Zipstream technology allows significantly reduced traffic from some video cameras without the loss of important picture details. Concurrent recording on SD cards and networked data storage for the most important video cameras allows the customer to obtain an archived backup.

Software in use

AXIS Camera Companion software selected for the project is a simple but effective solution for small systems, scalable up to 16 video cameras equipped with SD cards for video recording. After the installation, the system's daily work takes place independently on Axis network video cameras using their own functional capabilities for efficient video monitoring.

Using AXIS Camera Companion mobile application, the customer can easily view video records in real time, keep a record stream, export video, control system settings, record profiles, and change the video camera configurations. Moreover, the object can be controlled remotely because as access is ensured via a mobile device (smartphone, touch tablet) from anywhere with an internet connection.

Project results

Royal Ration has obtained complex, flexible, scalable video monitoring systems that control personnel actions and ensure safety. Network cameras with high-resolution pictures allow controlling of the cash desks, detecting pieces of money, and quickly investigating incidents and conflict situations. Additionally, the customer has the option to monitor personnel-only actions, including the opening and closing of the café and the general presence of the employees at the workplace. All these measures allow Royal Ration to maintain their standard of high-quality service.

Development prospects

In the future, the video monitoring systems can be equipped with functions of video analytics to improve the quality of service in cafés belonging to the Royal Ration network. Moreover, other objects of the customer equipped with similar cameras can be added to the common video monitoring system with the use of Axis video encoders and AXIS Camera Companion software. Additionally, there is a possibility of organizing publicly accessible, online broadcasting of pictures from some video cameras directly from the Royal Ration website using applications downloaded into installed Axis network cameras.



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