

CCTV for champions: faster, better, stronger.

Axis IP-based security system for the winter sports arena.



Organization:
Winter sports arena

Location:
Verkhnyaya Pyshma,
Russia

Industry segment:
Stadiums/Venues

Application:
Safety and security

Axis partners:
UMMC-Telecom,
Milestone

Mission

The opening of a new sports and recreation center in Verkhnyaya Pyshma was highly anticipated by locals fond of skate battles, young hockey players and skaters and their parents. The region already had the arena with an ice ring before, but it was too small to house all the visitors willing to do sports. The UMMC company initiated the construction of this center and made the decision to equip the ice hockey rink and other indoor areas of the arena with IP video surveillance system in order to monitor the territory of the center and provide the safe and comfortable training conditions without involving too much of security staff.

Solution

Axis IP cameras and dedicated Milestone software were selected to create the security system for the winter sports arena. More than thirty fixed AXIS P14 Network Cameras were installed inside the sports arena (the ice arena itself and a three-storied extension) without leaving a single blind zone and nine more cameras were installed outside.

The video stream from all the cameras is displayed on the screens in the control room and records are stored in the archive for a time period reasonable from a security policy point of view.

Result

With a video surveillance system based on Axis video cameras and Milestone XProtect® software, it is possible to monitor all the events inside the sports arena, as well as within its surrounding territory, including parking. By viewing the records from the video archive, security staff can efficiently investigate incidents whether it is belongings left after training or more serious incidents.

“Axis cameras seamlessly matched the interior of the arena; moreover, they feature good resolution and highly-detailed image to ensure the situational awareness of the security staff. Our integrator arranged the cameras in such a way as to cover every corner of the center.”

Security operator of the Winter sports arena.

Three floors for hockey

The Winter sports arena in Verkhnyaya Pyshma built in 2017 is not simply a big hockey ice rink. Apart from an ice rink, the area of more than 5000 square meters accommodates the three-storied extension with a smaller arena, an outerwear cloakroom, an inventory room, several locker rooms, coach rooms, a teaching room, a training room and other service and storage rooms, and even exhibition halls – all ready to welcome the junior and professional teams to train on and off the ice.

With the well-designed video surveillance system you can monitor the visitors and the property in the center directly from the control room. And in case of an incident you can always use the archived video footage. Wide viewing angle of Axis cameras in combination with a highly-detailed image guarantee that even with the minimum number of IP cameras installed on site, the operator will be able to observe all the critical areas. However, since the operator does not have to track certain movements, the integrator confined to less expensive fixed video cameras in a compact cylindrical case.

Apart from the indoor cameras, the security system of the arena also features several outdoor cameras located along the site perimeter. For example, one of these cameras is located at the entrance of the main building and the other looks towards the parking lot for visitors. With the built-in IR illumination these cameras can operate perfectly even at night using advanced night mode.

All for sports

As mentioned above, the security management system in the Winter sports arena is based on Milestone software, which perfectly integrates with the software of Axis cameras just like the applications of many other developers. The project integrator UMMC Telecom took the responsibility for the security system service. By the way, the company was involved both in the security system design and the construction of the building.

Even though the integration of the video surveillance system for the Winter sports arena in Verkhnyaya Pyshma is now completed, it can be extended in the future. One of the potential scenarios is broadcasting the video stream and records from the ice rink or training halls, which could be useful for coaches, give sportsmen the opportunity for continuous improvement and bring joy to the fans.

Moreover, in the future, it could also be possible to load an application and view the video on your smartphone.



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