The Boris Yeltsin Presidential Center is a public, cultural, and educational Center of the City of Yekaterinburg, Russia.Founded in 2015, one of the main objects of the Center is the Boris Yeltsin Museum, dedicated to the modern political history and the first president of Russia. Lectures, concerts, exhibitions, and festivals are regularly held at the Center’s venues.

The Center recently launched an innovative biometric identification system in the Boris Yeltsin Presidential Center (BYPC). The system is based on Pelco’s VideoXpert Enterprise VMS and the Id-Me biometric platform from RecFaces, which have been deployed at the facility by the USTR Group.
Case Study: Yeltsin Presidential Center

In 2015, DigitalSentry VMS and over 300 Pelco cameras (IME, IMP) were installed in the area. Initially, they chose Digital Sentry because they had an integrated solution, consisting of DS with Andover Continuum and FireAlarm system ESMI. This year, they migrated from DS to VideoXpert Enterprise 3.1. They eventually chose VideoXpert because of advanced plug-in capabilities.

“We like the VX interface more than the DS,” said Vadim Kharlamov, the head of IT at the center. “We now have a facial recognition system with mapping capabilities. We deployed a part of the VideoXpert system on virtual machines.”

This project is the next step in upgrading the Center’s internal security system. Previously, Pelco equipped the Center with fire alarm and access control, a security alarm system, an automation and dispatch system, upgraded infrastructure with a structured cabling system, and data center solutions.

Now, the new solution with VideoXpert and the biometric identification system allows the Center to improve the quality and efficiency of the internal security services. For one, employees and guests of the Center who are picked up by the surveillance cameras can be automatically identified.

The biometric identification system also provides security operators with “intelligent search” capabilities by providing them with the ability to obtain detailed statistics on the time and date of each visit. Another benefit that the Yeltsin Center saw is the speed with which suspects were identified. According to Kharlamov, such tasks would take more than a week to resolve, but the new system has since significantly decreased response times under conditions of full automation.

Other available features include creating lists (stop lists, VIP guest lists, etc.), identifying visitor locations, and analyzing visitors by gender, age, and average length of stay in the Center.

“We expect that the biometric system, in addition to improving security, will also help us improve interaction with visitors and increase sales of tickets and services,” Kharlamov said.

He added, “Identification will allow us to receive reliable, real-time information on audience demographics. This includes determining regular visitors as well as analyzing the demand for temporary expositions and additional services offered to visitors.”

As the number of cameras in the Center grew to over 500, the old VMS no longer suited their evolving security needs. “We thought to choose a third-party system, but thanks to the guys from Moscow Pelco, they offered Pelco VideoXpert.”

They tested the VMS for roughly eighteen months, and at the beginning of 2019, they made the switch to the new system.

“With the help of VideoXpert, we got what we wanted,” Kharlamov said.

Learn more about Pelco’s full range of video surveillance solutions here.

For more information, please visit pelco.com or call (800) 289-9100 (United States and Canada) or +1 (559) 292-1981 (International). For pricing information or to purchase Pelco products, please contact your manufacturer’s representative or the Pelco office in your area. ©2019 Pelco, Inc. All Rights Reserved. Trademarks owned by Pelco, Inc. or its affiliated companies. All other trademarks are property of their respective owners. www.pelco.com