

## Domodedovo Moscow International Airport



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- Alexey Savin, CTO, TELROS Integration

### Challenge

Domodedovo International Airport, which is located 42 kilometers from Moscow, is used by over 30 million passengers every year. In 2013 it was recognized as the best airport in Eastern Europe by Skytrax World Airport Awards for the fourth consecutive year. The prestigious award reflects the significant investment the airport has made to create comfortable conditions for travellers. All passengers have to pass through the customs area of the airport to ensure that import duties are paid and to provide employees of the State control bodies with the opportunity to detect smuggling of restricted or forbidden goods. In order to provide employees of the State control bodies with the best possible tools to allow them to deter and detect any criminal activity, the construction and operations of the State Border Facilities of the Russian Federation (Rosgranstroy) decided to replace an existing CCTV system with an IP network based management team video surveillance solution that could take advantage of the latest generation of high definition cameras.

### Solution

TELROS Integration, one of Russia's leading systems integrators, was awarded the contract following a highly competitive tender process conducted by the Rosgranstroy. In partnership with Hanwha Techwin Europe, over 400 Hanwha IP network video surveillance cameras have been installed as a new IP network system to monitor activity at the border crossing point of Russia's largest airport. The images from all the cameras are monitored live 24/7 by officers from a control room situated within the border crossing

point area and are recorded in real-time onto a server based system supplied by video recording specialists, ITV. “The video surveillance system has been integrated with access control and other alarms systems so that the client can gain maximum benefit from the evidence grade images captured by the cameras,” said Mr. Alexey Savin, CTO of TELROS Integration. “Using the video monitoring software supplied by ITV, officers are able to quickly retrieve recorded video to allow them to verify who may have entered a restricted area.” Among the Hanwha cameras installed in the customs area are SNP-5300H 1.3 Megapixel IP network PTZ domes, which have a 30x optical zoom capability that provide operators with the opportunity to observe close-up detail of far away people or objects without pixilation occurring. Other models installed include the SND-7061 3 megapixel Full HD network dome cameras, the SND-5061 1.3 megapixel network internal dome camera and the SNV-6084 WiseNetIII 2MP Full HD network vandal-resistant dome camera, which is designed to be resistant to physical attack.

### Result

“We are very pleased to have been entrusted to fulfil this important and prestigious contract,” said Mr. Savin. “In partnership with Hanwha Techwin Europe we were able to design a system that was competitively priced, but also able to completely meet the demanding tender specifications. The price/performance ratio of the Hanwha cameras are such that we could demonstrate to the client that there was no need to compromise on quality, whilst offering a highly affordable solution.”