



The Statutory City of Ústí nad Labem will use a new analytical superstructure for camera records from VDT Technology

Prague, 6 October 2023 - The City of Ústí nad Labem is introducing an innovative new security camera system with 5G technology. VDT Technology was entrusted with the implementation of the system after a transparent tender procedure. The project is being jointly undertaken by VTD Technology, Mark2 Corporation Czech and TELMO.

In the future, fifth-generation networks will become a key infrastructure element for cities and a catalyst for a wide range of technological and process innovations, especially in the provision and use of online information. They will open up opportunities in the areas of public space and transport safety, including new applications for e-health, urban mobility, traffic monitoring and education.

Ústí nad Labem has focused on introducing a comprehensive city-wide system of video surveillance and security. As part of the project, a total of 23 strategically important locations were identified for the installation of new security cameras interconnected via a local non-public 5G network. The system includes new camera points which form part of a fully digital system, enabling efficient 5G signal transmission directly to the operations centre of the Ústí nad Labem Municipal Police.

Ing. Erik Feldman from VDT Technology commented on the project: "With state-of-the-art camera and software equipment, this system is an excellent demonstration of how technological advances can improve the daily lives of city residents."

One of the main benefits of implementing an advanced camera system is the inclusion of an analytical superstructure enabling the detection and evaluation of events captured by the cameras. This technology will enhance the ability of the Ústí nad Labem Municipal Police to monitor and maintain security in public spaces, providing better protection for citizens.

VDT Technology, as the system integrator, provided complete delivery of the individual components. Its role included managing and organising the delivery of image analysis software and supplying the necessary powerful hardware. The technologies used included CertiConVis software for CCTV systems, which offers protection for property, public spaces and communications, and BriefCam technology for video summarisation, which allows analysis of footage from multiple cameras simultaneously.

Ing. Feldman further stated: "The use of artificial intelligence to perform necessary tasks faster is already commonplace and will become even more essential in the years to come.

By helping city police perform their tasks more efficiency, this new advanced camera system will make Ústí an even better place to live."

Metropolnet Inc. was appointed as the technical partner for the City of Ústí nad Labem and technical supervisor for the overall implementation of the non-public 5G network, as well as the seamless delivery of the analytics software by the city's technology and ICT manager.

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