



Italian Highway Operator Selects All-IP Solution

40 Million Vehicles a Year Use Busy Toll Highways

Italian highway operator Autovie Venete has deployed a state-of-the-art March Networks video recording solution to monitor the comings and goings of the 40 million vehicles a year that make use of three busy toll highways in northeastern Italy.

FOURTEEN toll booth stations on the A4 highway from Venice to Trieste, the A23 serving Palmanova-Udine South and the A28 linking Portogruaro, Pordenone and Conegliano are being monitored using March Networks Video Management System software, Site Manager client software and approximately 150 March Networks® IP cameras.

The customer is using March Networks MDome HD PTZ cameras for the heavy commercial transport lanes, MicroDome PTZs in the underground employee corridors linking the toll booths and the toll station office and MegaPX 1080p high-definition cameras to cover the exit lanes and offices.

Intelligent video analytics embedded in the cameras alert security staff to vehicles traveling at excessive speeds or driving in the wrong direction.

AUTOVIE VENETE

Autovie Venete S.p.A (www.autovie.it) operates the A4, A23 and A28 toll highways in northeastern Italy. The company was founded in 1928 and became publicly owned in 1950. Its modern highway network serves approximately 40 million vehicles per year and forms part of the planned pan-European Corridor 5, a high-speed road network linking Barcelona and Kiev.

Autovie Venete's goal was to select highly scalable state-of-the-art technology capable of delivering superior image quality. The all-IP solution does away with the use of traditional embedded recording technology and seamlessly integrates with the customer's existing IT infrastructure. Another key objective was to acquire a system that would be able to accommodate future technological advances.

"In a time of hectic technological change, this was a mandatory requirement," said Fabiano Tuniz, Autovie Venete's IT and Software Infrastructure Director.

"We are extremely pleased with this high-performance solution," said Tuniz. "With March Networks technology, we will be able to respond quickly to the challenges that arise with a steady growth in traffic, and continue to enhance our customer service. The future-proof nature of the solution means we can confidently deploy this equipment today, and implement new techniques as our business demands."

The March Networks Video Management System software operates on 14 commercially available off-the-shelf servers, while the Site Manager client application is used by monitoring center staff to keep an eye on traffic moving through the toll booths.

"We often work on installations where video surveillance is deployed to fulfill legal obligations and the only evaluation criterion is cost," said Danny Gregianin of Test SpA, the customer's security systems integrator. "Autovie Venete, on the contrary, wasn't looking for a generic video surveillance system, but required evolved technologies and specific tools for prevention and security. This was the perspective that convinced us to go with a March Networks solution." ▼

TEST SpA

TEST SpA, based in Udine and with a branch in Padova, specializes in designing and supplying technological solutions, products and services in the ICT market.

The company started in the phone market, becoming a leading certified provider of structured cabling and data networks. TEST SpA now specializes in wireless networks, IP communication and security systems.

