



Verona, Italy – City Case Story

The city of Verona steers safer traffic and climate events with data-driven video tech



March 2025

The city of Verona, Italy, started a technology project in 2005 with the implementation of an intelligent transport system. The initial focus was on creating a centralized traffic light control system for restricted zones.

Since then, they have broadened their initiatives to include extensive video surveillance aimed at measuring and analyzing many more facets of the city's traffic and environmental developments.



**Customer**

City of Verona



**Milestone products**

XProtect® Corporate,  
XProtect® Smart Wall



**Integrations**

AXIS Object Analytics,  
LPR, Smart Maps



**Location**

Verona, Italy



**Camera count**

100+ AXIS network cameras



**Partner**

Axis Communications

## Challenge:

### Compliance with European road safety regulations

Investments were essential to ensure the ability to collect data from the road network, monitor mobility flow levels, control restricted zones and provide vital information to enhance road safety - especially in accordance with European directives.

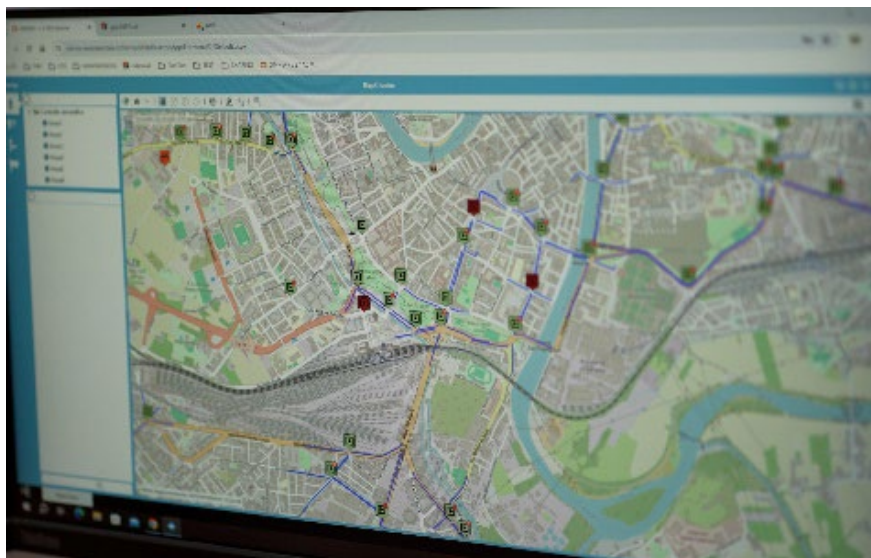
## Solution:

### Limitless integration options are flexible and future-proof

“Technology plays a crucial role in traffic management, urban mobility monitoring, and local public transport. We immediately chose Milestone open platform software for its superior integration capabilities and its ability to support a wide range of devices.”

– Bruno Pezzuto, Traffic Manager, City of Verona

Among the equipment chosen for the implementation, AXIS cameras allow in-depth programming and image acquisition because they facilitate video data pre-processing directly on the camera ('at the edge'). The integration of AXIS cameras with the Milestone XProtect video management software (VMS) platform has enabled Verona to conduct more detailed analyses of the traffic movements.



This includes predictive modeling and classifications in specific contexts. For example, they are using the system to analyze the effectiveness of interventions in cycling and micro-mobility. This enables counting and classifying vehicle, pedestrian, cyclist and scooter traffic and examining their interactions at traffic signals and crosswalks.

## Result:

### More than security as an environmental measurement tool

Verona's video surveillance system consists of both centralized image ingestion and management in the XProtect VMS and data analytics peripherally on the cameras. This has allowed them to diversify its use: the video now serves not only as a visual control of traffic conditions but also as a continuous environmental monitoring tool.



“The increasing severity and concentration of climate events have underscored the importance of the video capabilities. The Adige River, which flows through Verona, often behaves like a torrent, and during flooding events, the water level can rise dangerously close to bridge structures. This makes vigilant monitoring of such phenomena essential.”

– Bruno Pezzuto, Traffic Manager, City of Verona

Moreover, authorities increasingly request performance analyses to evaluate the effectiveness of various initiatives and investments in urban mobility. Verona's video solution ensures that they can measure the level of acceptance of new pedestrian and cycling routes over time, which can be achieved with the video platform's thorough visualization and context analysis.



## Recognize the challenges?

Do you also need to see what is happening, so you can respond in time or plan better for the future?

Get in touch with us at [milestonesys.com/book-a-demo/](https://milestonesys.com/book-a-demo/) and let's talk about what type of solution is right for you.

### About Milestone Systems

Milestone Systems is a leading provider of data-driven video technology software in and beyond security that helps the world see how to ensure safety, protect assets, and increase business efficiency. Milestone enables an open platform community that drives collaboration and innovation in the development and use of network video technology, with reliable and scalable solutions that are proven in more than 500,000 customer sites worldwide. Founded in 1998, Milestone is a stand-alone company in the Canon Group.

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