



City of Genoa – Government / Public Safety

Genoa joins video AI Project Hafnia,
initiated by Milestone Systems and NVIDIA



June 2025

In the City of Genoa, a technology journey started over a decade ago, with the vision of becoming a true smart city - long before it was a global trend. Today, that dream has taken a significant leap forward: Genoa is officially joining [Project Hafnia](#), a groundbreaking initiative by [Milestone Systems](#) and [NVIDIA](#), to shape the future of video AI.

From civil protection to smart transport, from license plate readers to AI-powered analytics, Genoa is building a city that learns, adapts and grows. Now, with Hafnia, Genoa steps into a new dimension, helping to build the next generation of visual AI tools - tools that won't just serve cities but transform them.



Customer

City of Genoa



Milestone technology

XProtect VMS,
XProtect Smart Wall
XProtect Smart Maps,
BriefCam analytics



Integrations

Video analytics,
License Plate Readers (LPR)
Anti-intrusion systems



Location

Genoa, Italy



Camera count

2,700 video cameras
and IoT sensors



Partner

n/a

Challenges:

growing urbanization, unique geography limitations

Genoa is the sixth largest city in Italy, with around 570,000 residents. It's the heart of a metropolitan area of more than one million people and home to one of the most important ports in the Mediterranean. It's a city with unique geography, squeezed between the sea and the mountains, highly urbanized and densely populated.

Recent history has shown how fragile Genoa's territory is, with hydrogeological issues and aging infrastructure. So a modern, smart city must be able to manage these complex challenges - with the help of technology.

As of 2025, Genoa's installations have grown to around 2,700 surveillance cameras across the city, 40 license plate reading gates, cameras connected to anti-intrusion systems, and many more integrations.

All of this is made available to local police forces and other stakeholders via the Milestone XProtect Smart Client.

Solution: training 1,000 users for better urban mobility

The video management software (VMS) is owned by the City of Genoa and is the city's official video surveillance system.

Today, the cameras serve many purposes as they have become smart devices. These support urban and road safety, civil protection, urban mobility, public transport, facility management, environmental sustainability, city planning, and tourism.

This means stakeholders are not just local police and law enforcement, but also different areas of public administration and local institutions - like the Port Authority, universities, and the Chamber of Commerce.

“As of now, more than 1,300 users are authorized on our Milestone platform. Over the past year, our Milestone-certified internal team has trained 800 users - including local police, civil protection, and national law enforcement. By the end of 2025, that number will grow to 1,000.”

Alessandro Massa

Information Systems Officer, Technology Office
Information Systems Department, Genoa

“Modern smart cities use ICT to improve the quality of services, infrastructure, and ultimately people's lives - addressing challenges linked to the growing urbanization of our cities.

In this context, IoT sensors and especially video surveillance are key tools to manage such a complex urban environment. In 2023 we adopted Milestone, which marked a major step forward in terms of reliability and quality, also allowing us to integrate video analytics through BriefCam.

By the end of 2027, we expect to reach 6,000 video sources - though we might even exceed this number, which is already very significant.”

Andrea Sinisi,

Head of Telecom Networks, Access Control Systems, and Video Surveillance, Technology Office – Information Systems Department, Genoa



“Our goal is to completely rethink urban mobility, offering an integrated system of buses, trains, parking, and bike sharing. An open platform like Milestone is essential in this transformation, as it provides clear, instant access to metadata from applications and AI-powered cameras developed by different brands.

Results: Integrated Systems bring efficiencies and broad scope

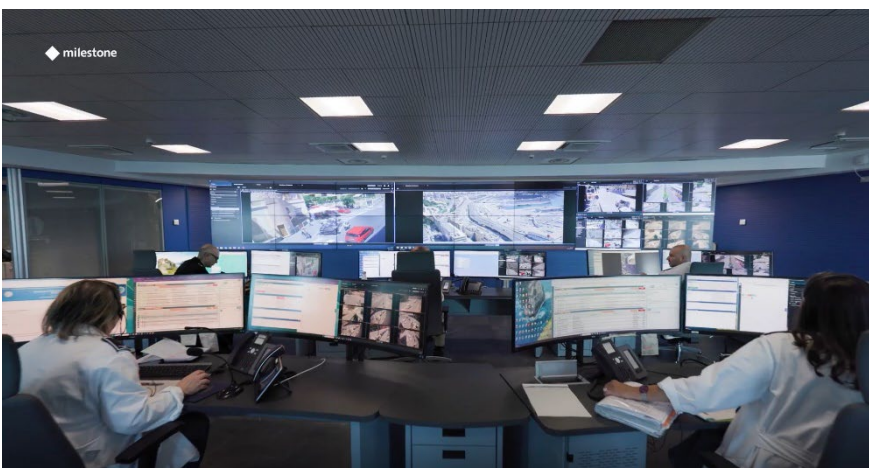
In Genoa’s smart city strategy, they are strongly focusing on mobility and transport, challenges that are not easy to tackle in a city like Genoa.

What enabled this growth - and will support future progress - was an idea born in their office back in 2010: to equip the City of Genoa with its own telecommunications network.

This infrastructure now includes around 115 km of optical fiber and several radio bridges - and will reach nearly 200 km within the next two and a half years. It’s a city-wide network that not only connects municipal offices, but also supports the sensors installed throughout the city.

Over the past 15 years, this strategy has saved us over €12 million - thanks to discontinued telecom fees and services never activated - while enabling better, more extensive services for citizens.”

Alessandra Raiti,
Information Systems Officer,
Technology Office – Information
Systems Department, Genoa



Artificial Intelligence reveals unimagined scenarios

The Hafnia Project has a goal of giving developers access to crucial video data - essential for training and developing new visual AI models. This data-driven approach is also a cornerstone of Italy's Three-Year Plan for IT in Public Administration, which guides the country's digital transformation.

The growth they have already planned will further strengthen this position. Genoa will be smart in managing the major projects coming to the city, by aligning them with the strategic vision they have been pursuing for the past 15 years in telecommunications and video surveillance. Their goal is clear: by 2030, they want Genoa to become Italy's first true smart city.



“AI has opened the door to extraordinary results and unimaginable horizons - things we couldn't have dreamed of just a short time ago. The many different perspectives show us one thing: we are facing a fast-evolving research field, with rapid and significant changes happening all the time. That's why we enthusiastically accepted the opportunity to take part in the Hafnia Project, a collaboration between Milestone and NVIDIA.

Our aim is to build a fully digital public administration - and we plan to support this with intensive training for our staff. Right now, we have a robust infrastructure and a network of platforms that already make Genoa one of the most advanced cities in Italy. It's ambitious, but we believe we can make it happen.”

Andrea Sinisi,
Head of Telecom Networks,
Access Control Systems, and
Video Surveillance Technology
Office – Information Systems
Department, Genoa



Recognize the challenges?

Do you also need to see what is happening in your city, so you can respond in time?

Get in touch with us at 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.

www.milestonesys.com