

Milesight Empowers Smart City Surveillance in Topoloveni City, Romania

Location: Topoloveni, Romania

Milesight Partner

A.C. COMFORT SAFETY SYSTEMS (Bucharest)

Location

Topoloveni City, Romania

Industry Segment

Smart City

Related Products

AI Motorized Bullet Network Camera
AI 180° Panoramic Mini Bullet Network Camera
AI 12X/20X/23X PTZ Bullet Plus Camera
AI Road Traffic Speed Dome Camera
AI Road Traffic Pro Bullet Plus Camera

Overview

Milesight partnered with [A.C. COMFORT SAFETY SYSTEMS \(Bucharest\)](#) to deploy an advanced AI-powered surveillance solution in Topoloveni City. The project integrated 209 Milesight AI cameras, including PTZ, Speed Dome, and ANPR models, to ensure the monitoring and supervision of high-risk areas for criminal activities in the city of Topoloveni, and to improve the efficiency of crime prevention and control activities in all their forms of manifestation.



Challenges



Rising criminal activities in high-risk urban areas



Increasing demand for reliable traffic monitoring and law enforcement support



Illegal waste dumping and improper storage in public spaces



Continuous monitoring needs in selective waste collection (ECO-INSULE) zones



Remote areas without electricity or communication infrastructure

Solution

Comprehensive Milesight Coverage Across the City

To ensure every corner of Topoloveni is under reliable surveillance, Milesight AI cameras were strategically deployed: panoramic models [cover wide open areas such as plazas and intersections](#); PTZ cameras [monitor main streets with the flexibility to zoom in on incidents](#); while ANPR cameras [safeguard key city entrances and checkpoints](#) by automatically recording vehicle movements.



AI-Enhanced Surveillance for Smarter Oversight

- City Entrances and Exits**
Automatic license plate recognition supports vehicle tracking and violation control.
- Crowded Public Spaces**
AI monitoring helps identify unusual behavior and improve crowd management.
- Incident Response**
PTZ cameras automatically track flagged persons or vehicles, giving real-time support to police.
- High-Risk Zones**
Active security settings reduce false alarms and allow operators to focus on genuine threats.

Continuous Monitoring in Remote and Sensitive Areas

- Illegal Dumping Hotspots**
Fixed cameras keep constant watch over vulnerable locations, providing reliable evidence to discourage and document waste violations.
- ECO-INSULE Zones**
Continuous video coverage helps ensure selective waste collection points remain orderly and properly used.
- Off-Grid Operation**
In locations without electricity, autonomous stations powered by photovoltaic panels and lithium-ion batteries ensure uninterrupted 24/7 monitoring.
- Reliable Connectivity**
Even in remote areas, video data is securely transmitted to the Central Dispatch Center for centralized oversight.



Centralized Command and Seamless Connectivity

- Centralized Video Management**
All 209 cameras are integrated into a unified platform for efficient monitoring and control.
- Central Dispatch Center**
Operators access live feeds and recordings to support quick investigations.
- Unified Response**
Fixed-camera alerts and PTZ tracking are combined for smarter incident handling.
- Robust Infrastructure**
Fiber optic backbone and radio links ensure stable, city-wide connectivity.

Conclusion

By leveraging Milesight's advanced 4K cameras, AI-powered analytics, and sustainable off-grid solutions, Topoloveni City now benefits from a modern, reliable, and intelligent surveillance system. The project not only enhances public safety and traffic enforcement but also strengthens environmental monitoring, demonstrating how Milesight helps cities move toward a smarter and safer future.

Product Showcase



AI Motorized Bullet Network Camera



AI 180° Panoramic Mini Bullet Network Camera



AI 12X/20X/23X PTZ Bullet Plus Camera



AI Road Traffic Speed Dome Camera



AI Road Traffic Pro Bullet Plus Camera