

Milesight & AxxonSoft at Hagia Sophia: Clear Feeds, Reliable Counts, Safety Assured



Technology Partner AxxonSoft	Location Istanbul, Turkey	Industry Segment Hospitality	Related Products 5MP AI Motorized Pro Bullet Network Camera 5MP AI Motorized Pro Dome Network Camera Axxon One
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Background

Hagia Sophia (Ayasofya Mosque) in Istanbul—originally built in 537 AD and today a UNESCO World Heritage landmark—welcomes millions of visitors each year. After its reconversion to a mosque in 2020, the site required a modern, reliable video surveillance system to safeguard both visitors and priceless historical assets.



Reported by TRT Haber (Turkey’s national news channel):

“With close to 300 centrally managed cameras, special zones are continuously monitored—supporting fast response and preservation at Hagia Sophia.”

Challenges

- Legacy NVRs and standard IP cameras lacked centralized monitoring and modern analytics, creating blind spots and delayed incident response.
- Restricted zones needed stronger protection and automated alerts on violations.
- Large, fluctuating visitor flows demanded accurate counting, visual reporting, and actionable insights to guide staffing and crowd management.
- The site needed a unified system to standardize operations across diverse areas without disrupting worship or visitor experience.

Solution

265 Milesight cameras, managed centrally by Axxon One VMS, were deployed across the 7,000 m² complex, providing continuous coverage and clear evidence for security operations and heritage protection.

Comprehensive Coverage with Milesight CCTV

Milesight network cameras are positioned at entrances/exits, galleries, and courtyards to remove blind spots. Stable streams and balanced exposure in mixed lighting (indoors, skylights, doorways) preserve readable detail during peak hours, supporting supervision and post-event review.

Perimeter & Zone Protection

Deep compatibility between Milesight cameras and Axxon One enables AI-enabled human detection for perimeter security and virtual boundaries on restricted areas and historical walls, triggering real-time alarms for unauthorized access or suspicious activity.

Centralized Management with Axxon One

All 265 cameras are unified under Axxon One VMS for live monitoring, event handling, and rapid video search. Operators work from a facility map, switch layouts on demand, and retrieve recordings quickly for investigations.

Operations & Visitor Flow Insight

The system provides visitor counting, dashboards, and visual reports on Axxon One. These analytics depend on clean, stable video—especially in dense, fast-moving crowds. Milesight cameras stay clear in mixed lighting and crowded scenes, reducing missed faces and overlaps, which helps system deliver steadier counting and reports.



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