



PUBLIC SAFETY

# Enabling smarter decisions in public safety

SHAPING SMARTER,  
MORE RESILIENT  
COMMUNITIES.



# Feeling safe is quality of life

Increased urbanization means communities are changing quickly, creating growing needs for better infrastructure and public safety. Feeling safe and secure remains a fundamental part of a healthy, functioning society.

Axis helps public safety organizations use technology and data more effectively, transforming information into actionable insight that supports better decision-making while maintaining strong standards for privacy and integrity.

## Efficiency in public safety

Axis has extensive experience supporting public safety initiatives around the world. Every day, we help public safety organizations including emergency services, and law enforcement improve how they operate and respond.

By combining scalable video, audio, and IoT solutions with advanced analytics, we enable teams to gain greater visibility, improve coordination, and make more informed decisions. Our solutions are built on open industry standards, letting cities evolve with the changing needs within public safety. It also enables departments to work more efficiently together by sharing, utilizing, and analyzing data.

## Collaborating between silos

A key challenge for public safety is that organizations often operate in silos—each with their own systems, data, and responsibilities. However, with the right cooperation and technology, public and private organizations could work together to increase public safety.

For example, in the event of a school incident, the ability to securely access the school's security network can provide law enforcement immediate situational awareness and support a faster, more informed response.

Together with our partners, we enable this cross-functional way of working with the right systems and technology for many different use cases that help make cities become even more liveable.

## Our focus areas within public safety

- Real-time situational awareness
- Incident response and coordination
- Investigations and post-event analysis
- Operational efficiency

# Protecting citizens every day

Public safety organizations must continuously assess risk to create environments that are safe, secure, and welcoming for residents, visitors, and businesses. As communities grow, so do the complexity of operations and the ways people move through public spaces.

Axis solutions, combined with analytics, help organizations identify patterns, monitor activity, and detect potential risks. These insights support better planning, more informed decision-making, and a more proactive approach to public safety.

## Manage crowds efficiently

Public events, transportation hubs, and daily movement across urban environments can create dynamic crowd conditions that require careful monitoring and coordination.

Effective crowd management starts with understanding how people move within a space. AXIS Object Analytics provides real-time insights into occupancy levels and crowd movement, enabling organizations to detect presence, track flow, and monitor density.

## Examples of how Axis and partner solutions can support citizen safety:

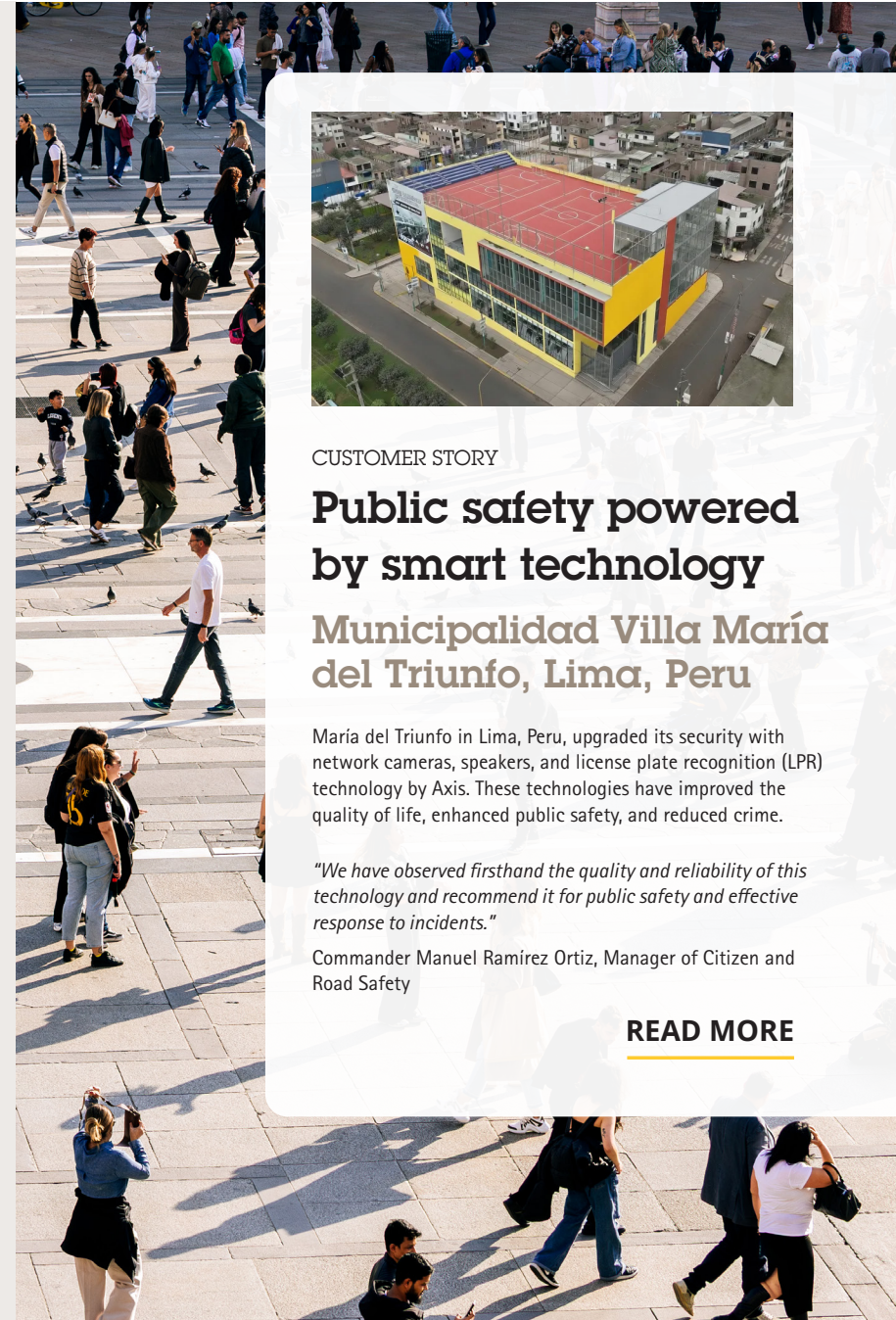
- Actionable insights to support planning and operational decisions
- Video and audio solutions for proactive deterrence
- Real-time detection and response to incidents
- Crowd behavior and movement analysis

These insights help organizations make informed decisions, optimize entry points, and improve planning and resource allocation as conditions change.

## Prevent incidents in real-time

With limited resources, public safety organizations must respond quickly to potential incidents. Many situations, such as intrusion or unauthorized access, can escalate if not addressed early.

By combining network video with built-in analytics and audio capabilities, organizations can detect and classify objects of interest, trigger alerts, and take action in real time. Live audio announcements can help deter unwanted behavior, often resolving situations before additional response is required.



### CUSTOMER STORY

## Public safety powered by smart technology

### Municipalidad Villa María del Triunfo, Lima, Peru

María del Triunfo in Lima, Peru, upgraded its security with network cameras, speakers, and license plate recognition (LPR) technology by Axis. These technologies have improved the quality of life, enhanced public safety, and reduced crime.

*"We have observed firsthand the quality and reliability of this technology and recommend it for public safety and effective response to incidents."*

Commander Manuel Ramírez Ortiz, Manager of Citizen and Road Safety

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## CUSTOMER STORY

## Aalst Police leverage smart cameras to transform city safety

### Aalst Police, Aalst, Belgium

Politie Aalst invested in innovative technology to modernize its city surveillance system. They deployed a comprehensive Axis camera solution across 54 locations, creating a state-of-the-art public safety concept.

*"Investing in a modern city surveillance system is an investment in the safety of our residents, business owners, and visitors. It not only helps us to detect and reconstruct incidents more quickly, but also to work preventively and create a safer public space. This added value means that this investment will definitely pay for itself in the long term, both in terms of increased safety and a greater sense of security in our city."*

Jürgen Dhaene, Chief Commissioner

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# The right response in emergencies

A city's emergency services must be prepared to respond to a wide range of critical situations, from everyday incidents to large-scale emergencies. In these moments, timely and accurate information is essential.

As more agencies adopt connected systems and improved access to information, gaining remote visibility into evolving situations has become seamless. The priority now is turning that insight into action, ensuring resources are deployed effectively and decisions are made with speed and confidence.

#### Live footage for response efficiency

Network video and audio provide real-time situational awareness, enabling operators to monitor events as they unfold and coordinate response efforts more effectively.

Live visibility helps ensure that first responders are directed to where they are needed most, improving response accuracy and efficiency.

With open, standards-based systems, data from multiple sources can be connected and unified, creating a more complete operational picture and supporting faster response times.

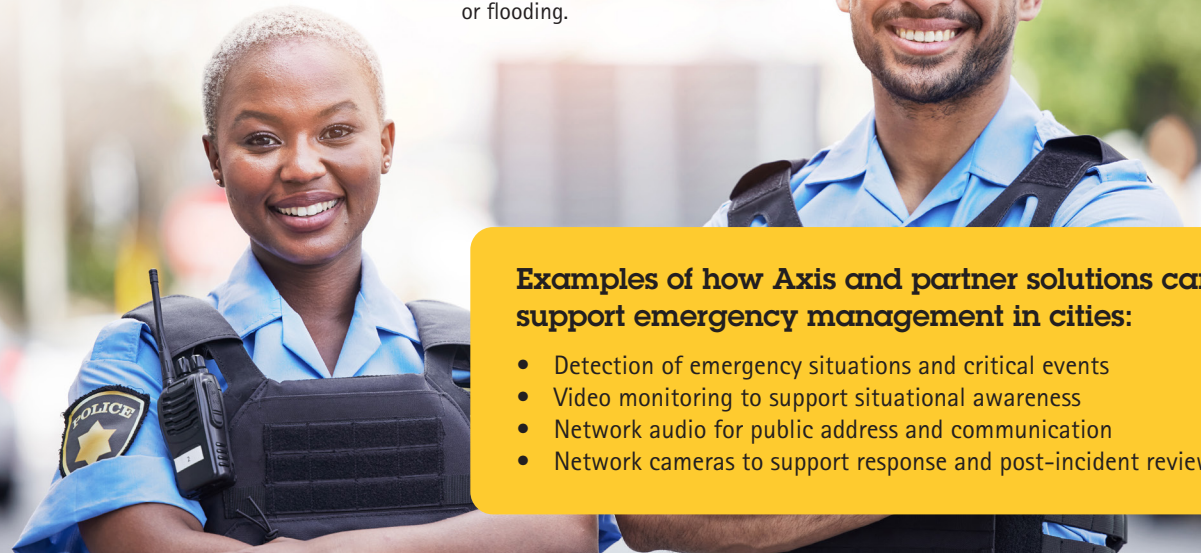
#### Using audio to inform and guide

Panic and misinformation can quickly escalate a situation. With network audio, organizations can integrate public address capabilities to inform, warn, and guide people to safety through live or pre-recorded messages.

Axis network speakers deliver clear, reliable communication, even in busy or high-noise environments. This helps gain attention and support more coordinated responses. These capabilities can also be tailored to specific environments, enabling audio messages to be triggered in response to events such as unusual sounds, including broken glass or gunshots, as well as environmental conditions like smoke or flooding.

#### Examples of how Axis and partner solutions can support emergency management in cities:

- Detection of emergency situations and critical events
- Video monitoring to support situational awareness
- Network audio for public address and communication
- Network cameras to support response and post-incident review



# Supporting crime investigations



## CUSTOMER STORY

## Cracking down on crime

### Hartford Police Department Hartford, Connecticut, USA

Hartford Capital City Command Center expands citywide network of Axis cameras to help police investigate crimes in real-time and studies the impact of forensic video on the solvability of crimes.

*"Axis is more than a vendor, they're a true partner. They know our city, the problems and challenges we have. And they provide us the creative solutions to meet them."*

Chris Mastroianni, Supervisor in the Hartford Police Department's Intelligence Division and head of the Hartford's Capital City Command Center

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Axis and our partners provide solutions that help organizations collect high-quality video and data to support investigations. Finding what you're looking for in the huge number of city camera streams can be challenging and time-consuming. With people and objects constantly moving in changing light and weather conditions, analysis can be hard. With Axis and partner solutions, investigators can more efficiently search, review, and analyze video, helping reduce the time required to locate relevant footage.

### Forensic search speeds up investigations

Video search capabilities enable users to review and analyze high-quality video more efficiently. By classifying people, vehicles, and objects, video can be filtered using attributes such as time, location, and movement. This helps investigators focus on relevant footage more quickly, reducing the time required to support investigations.

For evidence to be used in legal proceedings, clarity and reliability are essential. Axis cameras are designed to deliver high-quality video across a wide range of lighting and environmental conditions. Technologies such as Lightfinder, forensic WDR, and electronic image stabilization help ensure consistent image quality, supporting the collection of video that can be used with confidence.

### Detect suspicious behavior

Our analytics solutions can support public safety operations by studying suspicious behavior and enabling detection of objects and events of interest within video. Reviewing large volumes of video manually can be time-consuming. With built-in analytics, Axis cameras can classify objects and trigger alerts based on defined conditions, helping teams identify relevant activity more efficiently.

These capabilities support faster awareness and response, while also helping organizations focus on the information that matters most during investigations.

### Examples of how Axis and partner solutions support investigations:

- Video search to support forensic review
- High-quality video for evidence collection
- Analytics to detect objects, behavior and events of interest

# Intelligent solutions for a safer city

Whether you are responsible for day-to-day operations or involved in emergency response and follow-up investigations, these examples show how Axis and partners support public safety operations.



## Situational awareness

Respond quickly and remotely to ongoing incidents and emergencies with accurate resources.



## Suspect behavior analysis

Use deep-learning algorithms to identify patterns and detect unusual activity, supporting more proactive public safety operations.



## Forensic search

Review video footage with speed and great precision to identify and find people, objects, and vehicles, based on attributes like appearance, color, size, etc., and solve crimes faster.



## Risk and compliance

Collect close-up footage from body worn cameras to act as a digital witness, supporting accurate documentation in one-on-one encounters.



## Evidence collection

Support faster evidence collection with high-quality video to help advance investigations and case resolution.



## Crowd management

Analyze and detect crowds for an efficient response to situations and collect data insights for city planning.



## Smoke detection

Protect citizens, buildings, monuments, and assets with smoke and flame detection to prevent the fire from spreading.



## Deterrence for crime or bad behavior

Prevent crimes and incidents with early detection and audio deterrence, for example in cases of trespassing, intrusion, or vandalism.

# Products and solutions for public safety

At Axis, we have a broad portfolio of innovative, scalable cameras and IoT solutions designed to support public safety operations and help deter unwanted activity across a wide range of environments. All our cameras deliver excellent image quality every time and live up to the demands and challenges of city life, such as vandalism and tampering.

All our products are built on open industry standards, making them flexible, scalable, and easy to integrate, giving customers, partners, and experts within relevant areas an easy way to provide the needed solutions and insights.



**Multidirectional cameras** – Ideal for 360-degree wide area surveillance in many directions they deliver excellent overviews and detailed coverage with support for advanced analytics. Some models can be combined with PTZ cameras to zoom in with a single click in the software.



**Box cameras** – Send a powerful message of deterrence. They provide a clearly visible, fixed angle of view that is great for covering a defined area. They offer robust surveillance for indoor and outdoor use.



**PTZ cameras** – Provide flexible monitoring of expansive areas and the ability to zoom in on specific details with speed and precision. With support for deep learning and auto-tracking, they automatically detect and follow objects, capturing the evidence needed for a reliable response.



**Audio solutions** can be used to warn off intruders and thieves, provide instructions in an emergency, make announcements, and even play music.



**Mobile surveillance** is great for temporary or remote solutions for events and other potential activities.



**Panoramic multi-sensor cameras** offer seamless 180-degree coverage with no blind spots, excellent image quality and incredible details. With support for advanced analytics, they can detect and classify humans, vehicles, and types of vehicles.



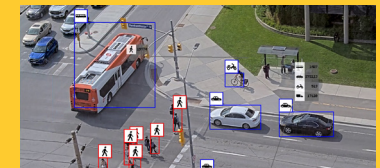
**Bullet cameras** – Fully-featured bullet cameras from Axis are ready to go right out of the box. With built-in IR and high-resolution video, they ensure reliable protection for your premises, day and night.



**Body worn cameras** – Axis body worn cameras deliver sharp images under any circumstances and audio from the center of the action. They're lightweight, robust, water-resistant, and easy to use.



**License plate recognition (LPR)**, also known as automatic number plate recognition (ANPR), has evolved from a specialized tool into a widely accessible asset for a variety of applications.



**AXIS Object Analytics** – Transform video into valuable insights with this suite of AI-based analytics. It can detect, classify, track, and count objects and offers easy access to actionable insights, so you can make more informed decisions.

# Why Axis?

## Sustainability at every level

We all have a responsibility and role to play in building a more sustainable future. With our public safety solutions, we support organizations in adopting greener goals to reduce their footprint and environmental impact. Axis has been committed to the UN Global Compact agreement since 2007. We innovate with respect to new regulations, policies, and legislation and continuously work to reduce energy consumption in our cameras.

## Driving cybersecurity

Cyberattacks on infrastructure or data theft can have catastrophic effects on public safety organizations. How vulnerable would we become if the cameras that govern public spaces were hacked? Mitigation of such threats is at the top of the agenda for authorities moving forward. Axis is a leader in security solutions with a superb track record in keeping public safety data safe, secure, and compliant. We have become experts at assessing risk and building processes for data protection into every level of our offering, always compliant with policies, regulations, and legislation.

## Quality in everything we do

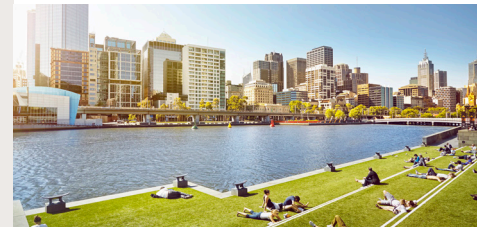
At Axis, we always act and work with quality in mind. All our products are built to withstand challenging conditions, being resistant to vandalism and harsh weather. Products have been extensively tested to last long and deliver sharp images in all conditions, in bad weather and in dark spots. Our quality thinking is evident in the excellent images that our cameras deliver – quality so high it holds up as evidence in court.

## The power of partnerships

Axis open platform is flexible, scalable, and easy to integrate, being compatible with many different partners, third-party hardware, and software solutions. This maximizes the uses and synergies to get the best, complete public safety solutions. By working with many different partners, one camera can be used for several use cases to support smarter and more resilient communities.

## Innovative technology

We constantly strive to combine the best of technology and human imagination to make our products perform better. For public safety we apply video analytics and artificial intelligence to enable smarter communities. For example, with deep learning we have improved our capability of crowd monitoring. The case for analyzing and utilizing data on the edge is rapidly catching on, and can give smart cities actionable insights on mobility, safety, and the environment.



# About Axis Communications

Axis enables a smarter and safer world by improving security, safety, operational efficiency, and business intelligence. As a network technology company and industry leader, Axis offers video surveillance, access control, intercoms, and audio solutions. These are enhanced by intelligent analytics applications and supported by high-quality training.

Axis has around 5,000 dedicated employees in over 50 countries and collaborates with technology and system integration partners worldwide to deliver customer solutions. Axis was founded in 1984, and the headquarters are in Lund, Sweden.