

# Axxon Homeland Security Suite

Protect your city and its citizens with intelligent security from Axxon.



Imagine a security solution that monitors and controls all your public utilities. A solution that detects and reports problems in real-time, and responds accordingly. A solution that improves safety, reduces crime and allows your city to run smoothly and cost-efficiently. Now imagine all this in a flexible solution that's 100% reliable and evolves as your city does. Axxon Enterprise brings you Homeland Security Suite, an integrated solution that does all this and more.

Today's municipal security goes far beyond the monitoring of selected sites. Modern integrated security systems must not only record and stream video but also analyze it intelligently, monitor all types of sensors, and provide automatic responses to problems.

Axxon Homeland Security Suite combines hardware, software and operational measures to provide video security, technical safety, and manage utilities and other distributed services. It's a multifunctional expandable solution built on an integrated modular distributed platform –Axxon Enterprise – with embedded intelligent data analysis.

Reduce vehicle theft, residential and commercial burglary, and vandalism. Automatically identify persons of interest at border crossings, airports or train stations. Protect schools and other public buildings from intrusion and natural disaster. Monitor and prevent problems with water, gas and electricity systems. Homeland Security Suite gives your police force, transit authorities, emergency response services and city workers the tools they need to do their jobs more efficiently and effectively.

## Axxon Homeland Security Suite is...

- **Universal:** combine any and all equipment, systems and devices, even legacy devices, into a single environment, and increase the value - and potential - of your existing IT infrastructure.
- **Simple & Flexible:** Axxon Enterprise's object-oriented architecture means it's easy to install, use and manage, and requires minimal training and support.
- **Scalable:** Unlike standalone systems, Axxon Homeland Security Suite easily upgrades and expands to fit your city's evolving needs
- **Modular:** choose the features you want – such as Facial Recognition and Traffic Monitoring – for a customized security solution with lower long term TCO.



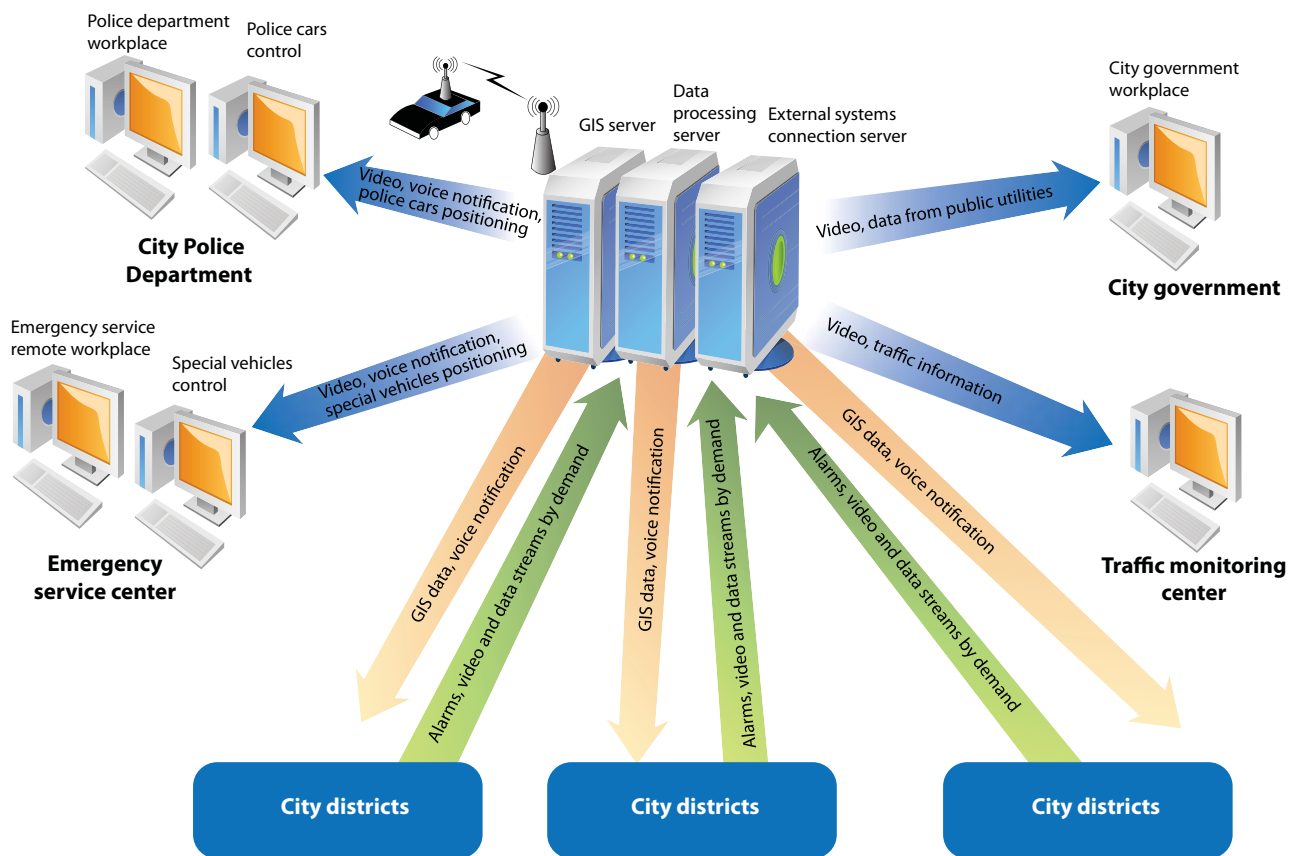
Monitor and protect commercial and residential buildings, life support systems, schools, stadiums, airports, transit stations, streets and highways, television towers and more with Homeland Security Suite's distributed video surveillance network.

Axxon Enterprise is a remarkably advanced IP-based physical security management platform that combines intelligent video analytics, universal IP connectivity and event-driven automation capabilities in a single environment. More than 22,000 businesses, organizations, and governments worldwide are secured and informed by Axxon Enterprise systems every day.

Out of the box, Axxon Enterprise provides you with a distributed, scalable and reliable security system that easily integrates with any third-party software and hardware. What's more, we also have horizontal and vertical solutions to your specific municipal challenges – from monitoring high-crime areas to managing traffic flow.

### Keep Your City Running Smoothly

How many districts do you need to cover? How many buildings do you need to protect? No matter how big your requirements, Axxon can meet them. You can count on Homeland Security Suite to be as comprehensive and multi-leveled as you need it to be, while remaining simple to implement and use. And even on installations with tens of thousands of cameras on one network, or in environments with challenging conditions (such as harsh weather or poor lighting), quality and performance are never at risk. Axxon technologies provide network stability, and P2P architecture ensures fast and reliable data delivery and processing.



Your city is unique. So why take chances with a one-size-fits-all solution? Because Axxon Homeland Security is modular, it can be built to your specifications. You get a customized solution that is easy to add to, so you can implement the system in phases, or as funds and resources become available.

## Traffic Control

This module gives you the real-time traffic data necessary to optimize traffic flows, foresee problems, and ease traffic congestion. Traffic detectors warn you of possible bottlenecks and give you the data you need to assess gridlock, prevent roadblocks, supervise traffic flows and monitor road capacity usage for long-term planning. Real-time video verification lets you trigger roadway devices, like barriers or traffic lights, to act accordingly.

## License Plate Recognition

For both law enforcement agencies and commercial enterprises, this module is a vital weapon in the fight against crime and terrorism. The system recognizes and logs car license plates – even on moving vehicles – and compares them to a database of numbers. It also logs all vehicles that pass through a specified zone, records an image of the car and plate, and notes the date, registration time, and direction of each vehicle.

## Railcar ID Number Recognition

If your business relies on railway transportation, you need to track cars and cargo. By knowing where your resources are, you can increase safety and optimize efficiency. This module automatically controls rake and railway car traffic, visually monitors your cargo, and controls clearance and gauge limits. All events and data are logged for further analysis. Operators can request detailed information on rakes and railcars, view relevant video archives, and print reports.

## Facial Recognition

To thwart intruders, you must be able to find them. This module allows for mass screening in public areas, like stadiums and airports, and will notify operators once it spots a human face within the video frame. It automatically detects and captures the image of that person, and compares it to others in order to positively identify persons of interest. Intelligent recognition identifies people regardless of facial hair, hairstyle, eyewear, aging or angle, and in a variety of background conditions

SafeCity combines hardware, software and operational measures to provide video security, technical safety, and manage utilities and other distributed services. SafeCity is a multifunctional, expandable solution built on an integrated modular distributed platform - Axxon Professional - with embedded intelligent data analysis.

## SafeCity, Moscow, Russia

SafeCity's video surveillance system includes over 30,000 CCTV cameras in Moscow, controlling yards and mass circulation areas. These sites are now covered by a single distributed system, controlled from a single center using the Axxon Professional integrated security platform.

According to the Main Internal Affairs Directorate of Moscow, the SafeCity implementation has caused a dramatic reduction in burglaries and vandalism - drops of 12.5% and 33% respectively in the first six months of operation alone. Crime-solving rates have also increased. Alexander Chumachenko, Deputy Executive of Moscow Main Internal Affairs Directorate, believes that SafeCity played a significant role. "The presence of CCTV cameras makes people more disciplined, and provides an excellent deterrent to crime."

"SafeCity" implemented in Moscow, St.-Petersburg, Donetsk, Novosibirsk, Krasnoyarsk, Shlisselburg, Electrostal, Nizhni Novgorod and Zhitomir.



## Company Profile

Axxon is the only company that combines an integrated platform with intelligent video.

We enable governments, institutions and commercial enterprises to conduct their transportation operations in radically new and improved ways, with groundbreaking business and security solutions. And we empower our partners to deliver these solutions efficiently and profitably, with an incredible competitive edge.

Users of our products and solutions make more intelligent business decisions, achieve greater efficiency and effectiveness, and implement powerful security for people, facilities, transport vehicles and assets - all with less cost, and less effort.

We make it happen with intelligent video solutions, plug-and-play modules including automobile, railways, and traffic control, and a core technology platform that enables users to get the benefit of a fully networked, inter-connected infrastructure without the cost and complexity of a new enterprise-level solution.

For our partners and customers, the possibilities are endless.

This is our vision. What's yours?

## Fast Facts

- With 22,000 satisfied customers in 20 countries, Axxon has the experience and reliability you need.
- Over 100 developers work at Axxon every day to maintain, update, and create security software solutions.
- With more than 500 resellers, integrators, and distributors worldwide, Axxon has a proven network where you need them.

## Axxon – A History of Firsts

- First company to support universal connectivity – supporting any IP devices in your organization.
- First company to integrate security with other business operations – opening up new ways to do business as well as improve safety and ROI.
- First company to develop wavelet technology – compressing security video with speed and quality for more efficient transmission and less network congestion.
- First – and only – company to combine intelligent video with an integrated platform.

## Contact Us

If you're looking for a security solution that's intelligent, flexible, and cost-effective – and tailored for the oil and gas industry – Axxon has the answer. Please call or email me for more information:

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