Designing solutions for smarter and safer schools

Axis at a glance

#1 Industry leader in video surveillance*

Network solutions in video surveillance, access control, intercom and audio systems

4,210 employees in 50+ countries**

1.6 B USD***

WE SUPPORT Committed to UN Global Compact

HQ and founded in Sweden – in 1984

Part of Canon group

Axis Group companies: 2N

2-tier business model

End customers

Resellers | System integrators

Distributors

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Trusted eco-system

Architects & Engineers

Distributors

System integrators

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Software vendors

Resellers

Hardware vendors

*Outside of China **Q4 2022 ***Full year 2022, SEK 15.9 B, EUR 1.5 B

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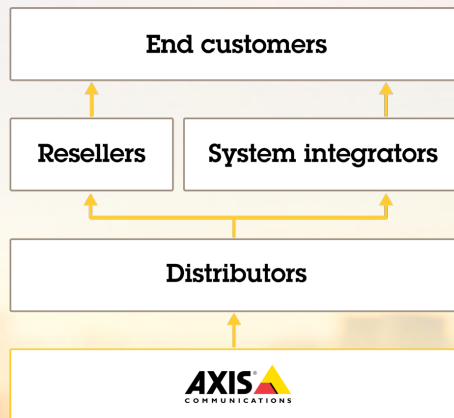
Our offering

Network cameras

Analytics

Access control

Network intercoms

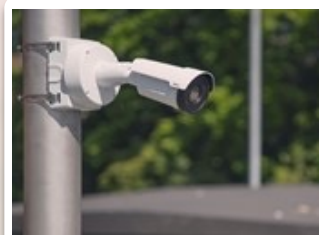Network audio

Wearables

Video management software

Video recorders and desktop terminals

System devices

Accessories

Axis analytics portfolio

AXIS Object Analytics

AXIS Perimeter Defender

AXIS License Plate Verifier

AXIS P8815-2 3D People Counter

AXIS People Counter

AXIS Queue Monitor

AXIS Fence Guard

AXIS Motion Guard

AXIS Loitering Guard

AXIS Video Motion Detection

AXIS Face Detector

AXIS Live Privacy Shield

What are your security concerns?

How do I ensure staff and student safety?

How do I minimize vandalism and costly repairs?

How can I easily investigate incidents and identify suspects?

How can I deter violence and theft?

What are your security challenges?

How can I maximize my limited security budget?

How can I get an integrated security solution?

How do security and IT teams get on the same page?
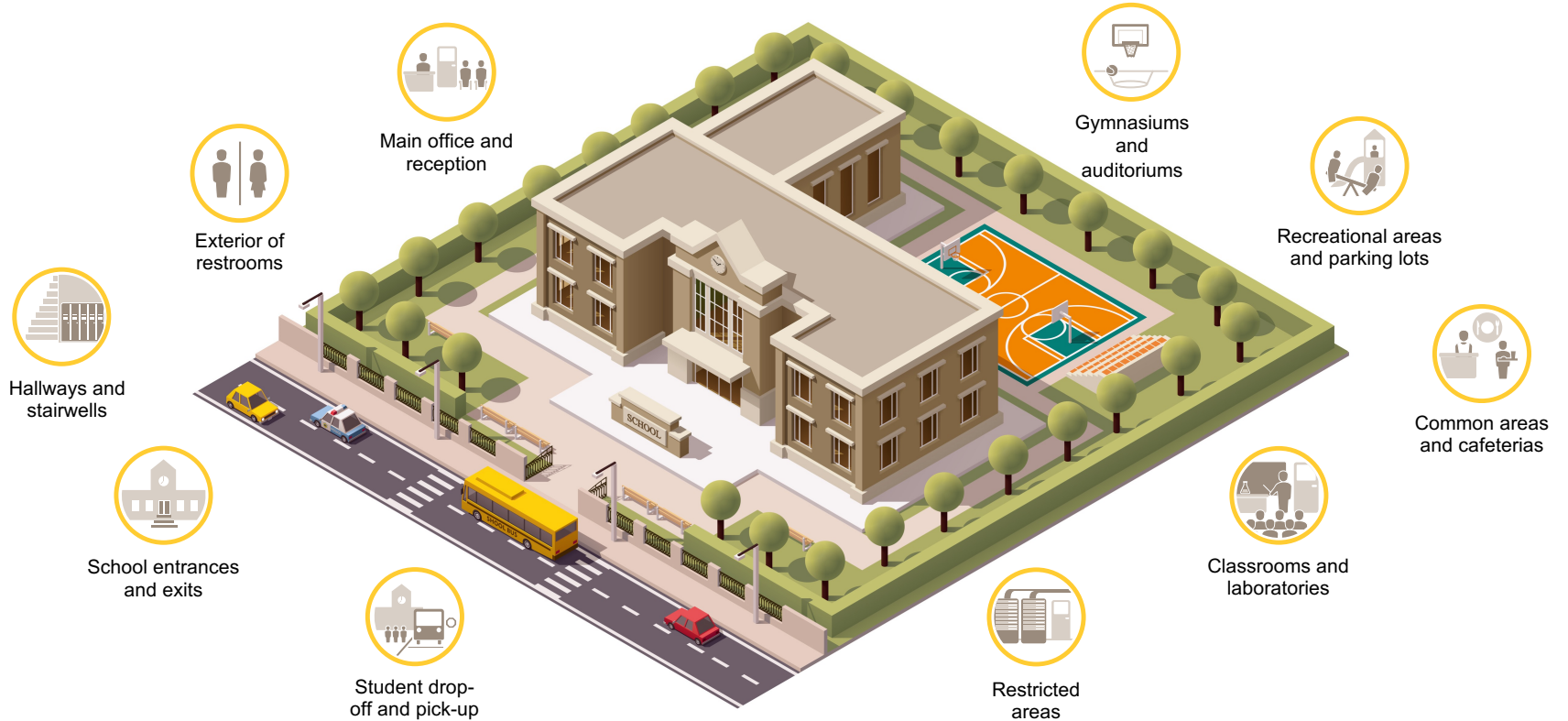
Which products and solutions are best for my school?

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How to help?

With integrated school safety solutions - video - access control - audio

*Source: IHS video surveillance market

Securing your school by areas of interest

Main office and reception

Exterior of restrooms

Gymnasiums and auditoriums

Recreational areas and parking lots

Hallways and stairwells

Common areas and cafeterias

School entrances and exits

Classrooms and laboratories

Student drop-off and pick-up

Restricted areas

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Transitioning from risks to solutions

Using an Area of Interest (AoI) design

| 1 Define the AoIs and associated risks | → | 2 Define security objectives for each AoI | → | 3 Populate a "Solutions Matrix" from objectives | → | 4 Select components based on Solutions Matrix |

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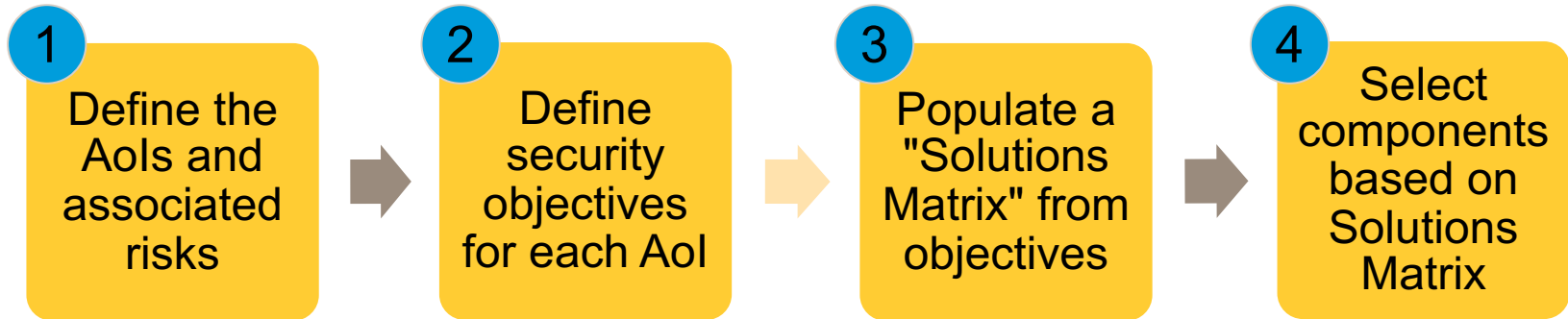
Areas of interest

Entrances and exits

Challenges

> Protect property from vandalism, theft, and burglary
> Stay alert to trespassing and loitering
> Ensure safe workplaces
> Prevent unauthorized or unwelcome visitors

Solution overview

AXIS Object Analytics helps detect trespassers and intruders, and event-triggered strobe sirens and voice messages act to deter them. Cameras or speakers paired with audio detection analytics improve response times by triggering alerts in the event of aggression, gunshots, or breaking glass. An IP-based public address system with audio zoning meets all your needs for safety, operational, and informational voice messages. Access control and connected systems automate building access for credentialed individuals and enable remote visitor approval.

Hallways and stairwells

Challenges

> Deter unwanted behaviors
> Prevent vandalism and protect property
> Respond promptly to accidents
> Track unauthorized individuals' movement
> Minimize loitering and unwanted behaviors

Solution overview

Multidirectional and dual-sensor cameras provide forensic-quality coverage in corridors and stairwells, respectively. Paired with sound detection analytics, they can alert you to potential incidents outside the camera's field of view. Network audio lets you respond to incidents even before staff arrives on scene, using live or prerecorded and event-triggered messages from the nearest speaker.

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Classrooms and laboratories

Challenges

> Deter aggression
> Maintain a safe working environment
> Respond promptly to accidents and incidents
> Limit access to authorized individuals
> Prevent vandalism, theft, and burglary
> Support remote learning

Solution overview

Speakers or cameras with audio capabilities and sound detection analytics can notify security personnel to the sounds of glass breaking, gunshots, or aggression. Strobe sirens alert affected areas to an urgent situation. A variety of network devices with two-way audio capability facilitate both clear instructions from administrators and real-time updates from staff members at the scene. Access control limits unwanted traffic and enables classroom lockdowns with the push of a button. Live streaming cameras support distance learning and flipped classroom models.

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Common areas and cafeterias

Challenges

> Provide a safe and secure environment
> Protect property from theft, burglary, and vandalism
> React quickly to accidents
> Manage after-hours visitors
> Prevent trespassing and loitering

Solution overview

A single panoramic camera provides a 180º to 360º field of view of your common areas. Video and audio analytics help keep security staff or local law enforcement alert to potential incidents and unauthorized presence, day or night. Access control enables and maintains a record of authorized visitors to a room or a partitioned area within that room. Network speakers broadcast live, scheduled, or event-triggered messages, as well as background music.

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Recreational areas and parking lots
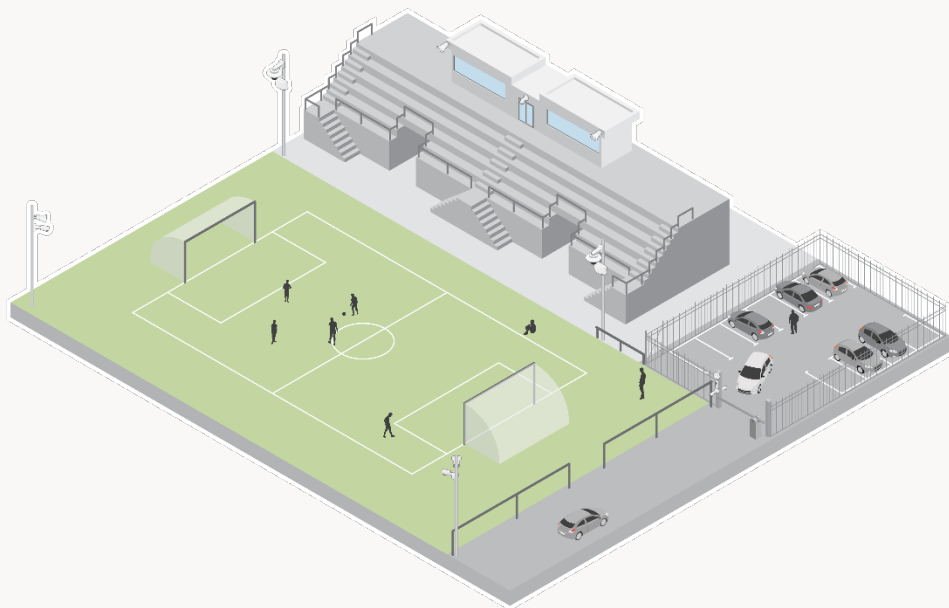
Challenges

> Protect property from theft, burglary, vandalism, and arson
> Prevent illicit, illegal, and unwanted behaviors
> Efficiently manage vehicular traffic
> Ensure only authorized access
> Provide a safe and positive environment for students, staff, and visitors

Solution overview

Thermal technology, radar, visual cameras, and intelligent analytics work together to detect, classify, verify, and track intruders, day and night. Sound detection analytics provide alerts of incidents outside the camera's field of view. Vehicle access control and license plate recognition analytics ensure vehicles gain access only to the appropriate parking lots, while network video intercoms let you remotely manage and maintain a record of visitor parking requests. Network audio supports public address, serves as your sound system for events, and supports deterrent messages. Live streaming cameras enable high-quality event broadcasting.

Recommended technologies and features

Integrated solutions

Video surveillance	Whatever you're looking for, you'll find an Axis network camera to suit your needs. From robust outdoor cameras to discreet products for sensitive environments, we offer it all.
Access control	Efficient access management, centralized management of all entry points, smart video verification of all accesses.
Network audio	Easy to integrate and use in your daily business, Play voice messages or alarm in selected zones. Scalable, flexible, reliable system.
Body worn	Deter offenders, protect people and assets, and document forensic evidence. Built on open technology, scalable, easy-to-use and cost-effective.

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The Axis advantage
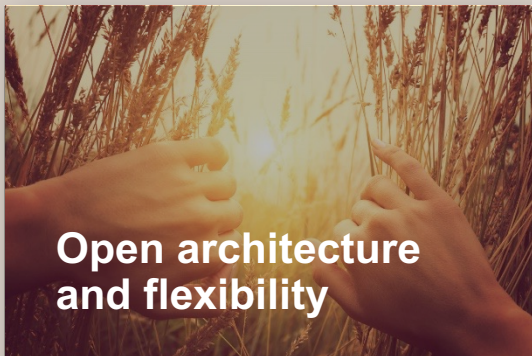
Open architecture and flexibility

Openness

Axis products are built on open standards, meaning that you can integrate our products with your existing systems, protecting your legacy investment and migrating at the pace that's right for you.

Lifecycle costs of a security system

Total cost of ownership

Axis designs high-quality products that last, and we offer free tools to simplify product selection and site design. AXIS Device Manager tool makes managing all major installation, security, and maintenance tasks straightforward and cost-efficient.

Drive innovation with in-house SoCs

Innovation

The heart and the brain of every Axis product is its system-on-chip (SoC). We design our ARTPEC chips in-house, sealing back door entry points, and developed to perfectly match the requirements of professional video surveillance..

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You and Axis – partners in a smarter, safer world

Cybersecurity - addressing a major global concern

Cybersecurity

Cybersecurity is about products, people, technology, and ongoing processes. At Axis, we tackle cybersecurity by continuously monitoring threats and consequences, and taking quick, decisive action. Find out how training and AXIS Device Manager can support cybersecurity management.

Towards a sustainable future

Sustainability

All our products, practices and processes contribute to a smarter, safer world, and our goal is to promote sustainable ways of working in the entire value chain. Read more about our work with recycled material, circularity, healthy working conditions, our code of conduct and other initiatives.

Quality in everything we do

Quality

Quality is at the heart of the culture of Axis. We work to provide the best quality in our products and solutions, our business relationships, training, technical support and customer services. Learn about our outstanding portfolio, Axis Communications Academy and more.

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Overview A&E program 2023

Design support

- AXIS Plugin for Autodesk® Revit®
- AXIS Specifications Compiler
- AXIS Site Designer
- Axis product selector
- A&E Media
- Camera details drawings
- AXIS Perimeter Defender
- Dimensional drawings
- Speaker coverage calculation
- Accessory selector
- Technology partner finder

Documentation support

- A&E specifications
- Data sheet
- User guides
- Installation guides
- Product roadmap
- Declaration of conformity
- MTBF documentation
- Product video
- Video tutorials
- MSRP

Insight support

- Cybersecurity
- Sustainability
- Customer services
- TCO
- Customer stories
- Industry knowledge
- Analytics
- White papers
- Eco-system partners
- Audio
- Standard & norms
- Beyond security

Communication channels: Local A&E Managers · AEC · A&E partner web · Events/webinars · Newsletters · Social media

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Axis tools – Plan and design

> DESIGN SUPPORT

DOCUMENTATION SUPPORT

INSIGHT SUPPORT

Tools to help you plan your sites and optimize your systems, as for example:

> AXIS Site Designer

> AXIS Plugin for Autodesk® Revit®

> AXIS Perimeter Defender

> AXIS Specification Compiler

Explore the tools on Axis partner web

AXIS Plugin for Autodesk® Revit®

3D product visualizations for professionals

Get complete visualization of your design and verify camera coverage

Access all data for Building Information Modeling (BIM)

Access products with embedded product selector tool
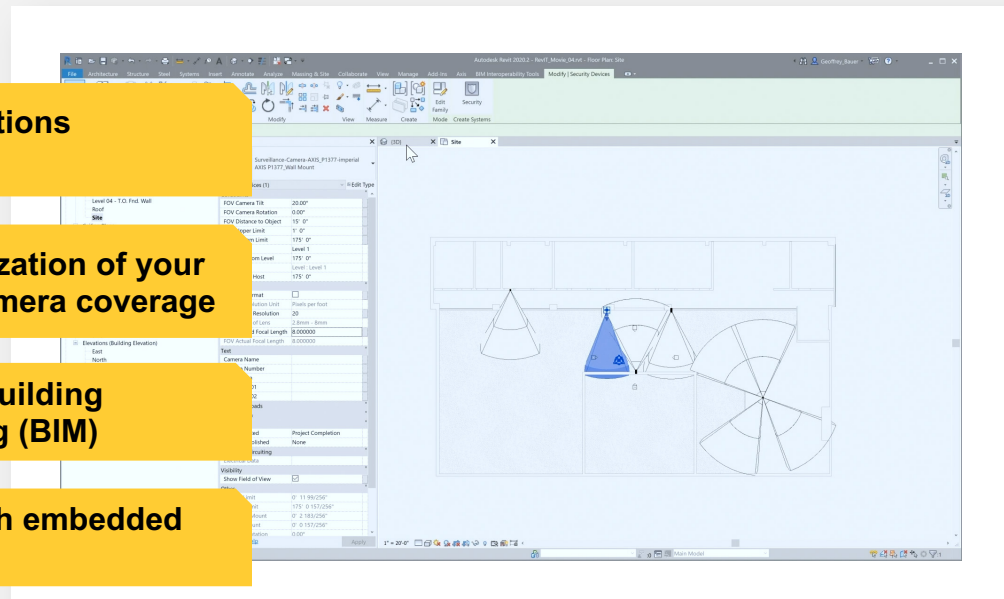
AXIS Site Designer – Design your ideal solution

Find products based on requirements, and use maps feature to plan camera placement and coverage

Calculate required bandwidth or storage

Create complete bill of materials and quotations

Work with multiple projects and re-use existing projects or temples
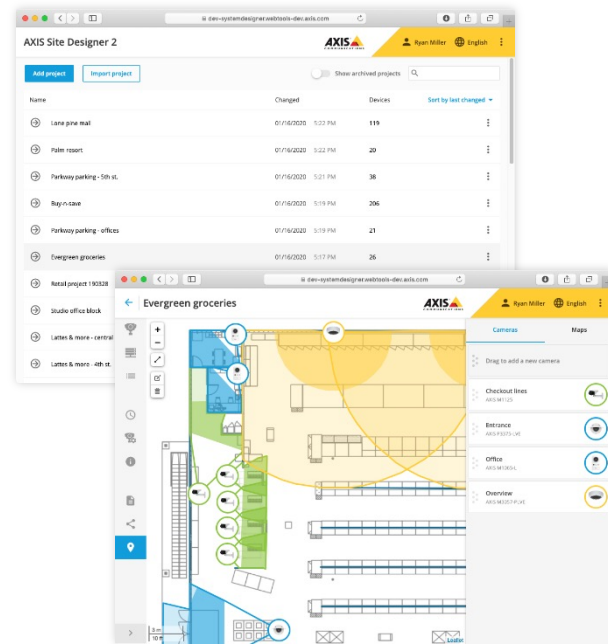
AXIS Specification Complier

Select and generate specification texts based on individual product specifications

Opportunity to improve your workflow

Integrated functions with AXIS Site Designer

> **DESIGN SUPPORT**

DOCUMENTATION SUPPORT
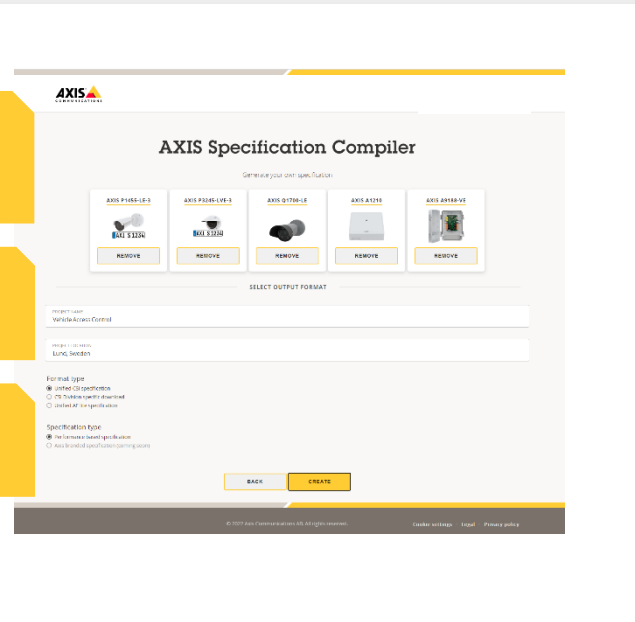
INSIGHT SUPPORT

A&E Media – Performance based specifications all in one place

DESIGN SUPPORT

> DOCUMENTATION SUPPORT

INSIGHT SUPPORT

Product specifications

General specification

Compilation of specifications

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Let's connect!