

Network audio for critical infrastructure and industrial sites

SMART AND EASY PATHWAYS TO IMPROVE
SECURITY, PRODUCTIVITY, AND SAFETY

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AXIS[®]
COMMUNICATIONS

Smart communication. Secure production.

You are focused on keeping your site up and running efficiently. So are we.

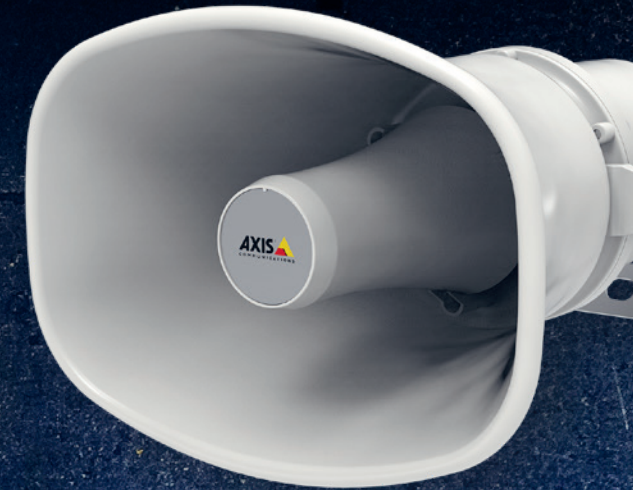
Ensuring business continuity depends on three key areas of focus:

- robust intrusion protection
- efficient operations
- safe and healthy workplaces

Quality network audio can help

Communicate with staff, visitors, and even potential intruders quickly and clearly using live, event-triggered, or scheduled and pre-recorded messages. Alert staff to problems in production, keep people away from restricted areas, and warn off threats of intrusion or sabotage. Thanks to audio zoning and message prioritization, you can always send voice messages and audio signals right where and when they're needed.

Network audio is more than a speaker. It's a new and versatile way to interact, inform, and protect.



“The Axis loudspeaker has been the biggest game-changer in our project. It has shown us a new way to discourage break-ins and made it clear we're on the right path to ensure the security of our assets.”

Erika Zanete, Security Manager,
EDP Energias do Brasil, São Paulo, Brazil

A bird's-eye view of **network audio**

Network audio is a powerful tool, but that doesn't mean it needs to be complicated. The right provider will work hard to make sure their smart solutions are easy to use.

➤ Easy

All-in-one network speakers can be a cost-efficient solution combining both hardware and audio management software. They should use a standard network connection, so there's no need for dedicated audio cabling. With PoE (Power over Ethernet) supplying both power and connectivity, installation is fast and simple. Plus, speakers come preconfigured for excellent sound right out of the box.

➤ Flexible

When you need to scale your system, adding or removing speakers can be done in an instant. Flexible audio zones support efficient security, operational, and safety messaging, even across wide areas or extensive perimeters. Built-in audio management software lets you update zones, content, and scheduling without having to go on-site. And thanks to content prioritization, you can ensure urgent messages interrupt scheduled ones.

➤ Dependable

Quality audio solutions are completely digital and can be controlled locally or remotely. That makes it easy to test, maintain, and troubleshoot your system over the same network that powers it. You always have the peace of mind that your solution will work when it's needed.

➤ Open

An open platform supports integrating partner audio with other systems, like video management software (VMS), or Voice over IP (VoIP) telephony using SIP. A commitment to open standards gives you maximum freedom to build a solution that meets your needs now and can adapt to new challenges.

Smart audio for:

- two-way audio communication
 - scheduled reminders
 - event-triggered voice messages and audio signals
 - live announcements
 - paging
 - strobe siren alerts in noisy environments
- ...and more



3 ways to put network audio to work for you

Support business continuity with clear, dependable audio messaging at the right time and place.



1. **Scheduled, prerecorded voice messages** to remind staff of scheduled breaks, hygiene practices, and more



2. **Prerecorded messages triggered by an event** the camera detects – for example, intrusion attempts, process anomalies, or safety non-compliance



3. **Live messages** for security, operational, or HSE purposes – plus **built-in two-way communication** for better situational awareness when needed



“ Adding Axis speakers to Autoneum’s security network has allowed our client to use them as a paging system as well. We get some pretty violent storms here, and this gives the company the ability to broadcast emergency weather alerts to all employees at the same time.”

Will Litrell, Project Manager for Eli Controls, a security system integrator and Axis partner

In noisy environments, network strobe sirens can be configured to provide both an audio and a visual alert.

[Read more >](#)

Network audio: smart and easy pathways to action

When it comes to intrusion protection, operational efficiency, and health, safety, and environment, smart and easy network audio solutions are a powerful addition to high-quality cameras and other devices. High-quality video supports transparency and oversight across your operations. Network audio offerings provide efficient and flexible ways to respond to that information.



Deter intrusion, theft, and sabotage

Help secure the perimeter and high-value assets inside it using audio warnings



Minimize injury

Alert people when they are entering restricted or dangerous areas



Inform staff

Issue regular reminders for scheduled breaks, shift changes, HSE practices, and more



Reduce downtime

Notify relevant staff of malfunctioning equipment or process errors



Mitigate risk

Prompt staff to correct safety issues such as missing PPE or a blocked exit



Support safe evacuations

Guide first responders and track evacuation progress using two-way communication

Meet our portfolio

Axis audio solutions are a perfect complement to video and other network devices. Take your security, efficiency, and safety efforts to a new level with siren alerts and voice messages.



Audio technology to respond to what's happening across your site

- **Network speakers** function as complete, high-quality audio systems in a single unit – perfect for live, event-triggered, or scheduled voice messages.
- **Audio management software** lets you control your audio system efficiently, regardless of size and complexity.
- **Audio system devices** enable easy migration to network audio while protecting your legacy investment.
- **2N SIP Mic** is an all-in-one network microphone console that turns your Axis network speakers into a complete public address system.
- **Network strobe sirens** combine strobe lighting and siren alarms to help important alerts get noticed even in noisy environments.

Additional Axis technology to support informed, intelligent action

- **Visual cameras** with sophisticated technologies support forensic image quality even in challenging conditions. Available in a variety of models, including explosion-protected models.
- **Thermal technology and radar** detect people, objects, and vehicles in complete darkness, strong sunlight, fog, smoke, and dust. Thermometric cameras help assess variations in equipment temperature that can indicate a threat to safety or productivity. Thermal technology is also available in explosion-protected models.
- **Analytics** can turn cameras into sensors able to detect specific objects, complete quality assurance tasks, and more. We work with a vast network of partners to provide analytics to address a range of needs.
- **Access control solutions** help ensure people and vehicles only gain entrance where and when they're authorized to be.



The Axis advantage

Axis is innovating for smarter, safer, more productive sites. The close partnerships and deep collaborations in our ecosystem are powerful multipliers of Axis innovation.

And because we build all our products on open standards, you have the freedom to choose from the widest possible range of applications on the market. That means an Axis solution doesn't just benefit you here and now – it also paves the way for ongoing optimization for years to come.

Learn more about how an Axis audio solution can meet your needs [HERE](#)

About Axis Communications

Axis enables a smarter and safer world by creating solutions for improving security and business performance. As a network technology company and industry leader, Axis offers solutions in video surveillance, access control, intercom, and audio systems. They are enhanced by intelligent analytics applications and supported by high-quality training.

Axis has around 4,000 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.