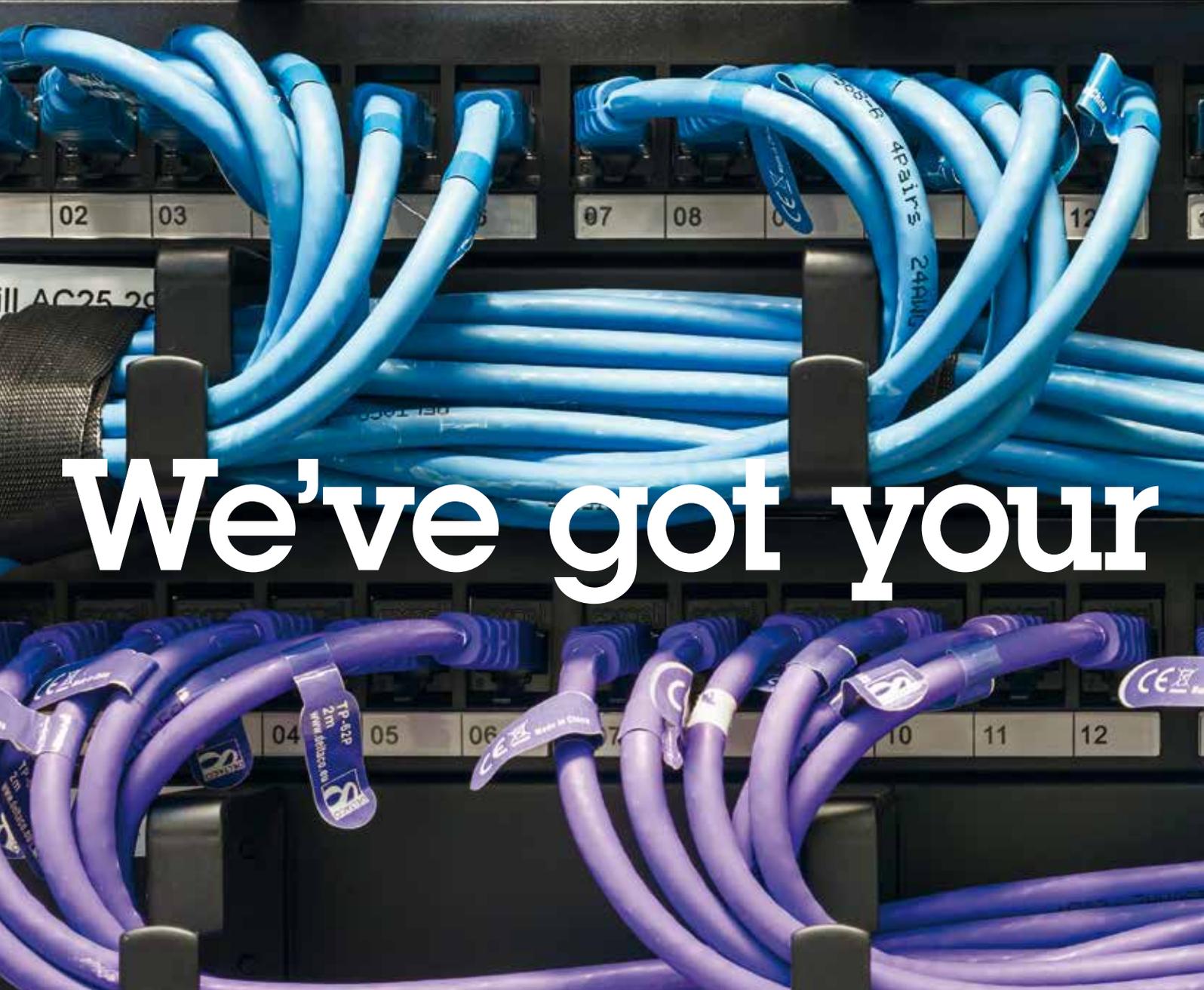


# Data Centers



## Defense in depth.

Network video protection for data centers.



# We've got your

Just like all effective security systems, yours depends on depth. On layer upon layer of protection, with your critical data at its heart. Network video solutions from Axis and our partners add protection at every layer of defense – from perimeter, to grounds, to building, to server hall to cabinets.

## Sharp HDTV images for every level

Our wide portfolio means we can fulfill your needs at every layer. We provide excellent HDTV image quality regardless of lighting conditions and the size and physical characteristics of monitored areas. And we do it while minimizing bandwidth and storage needs and helping you meet your energy-savings goals.

## Solutions that keep up with your business

We can provide you with a complete A-Z network video solution. Or you can integrate exactly what you need right now into your existing solution and add more Axis at your own pace, or as your facility grows. And our open standards facilitate easy integration with systems like access control, people counting and alarms, including fire alarms.

## Future-proofed protection

We also have the markets' most extensive program of software and hardware partners and a global network of integrators for well-supported, future-proof network video protection.



# data covered.

## Protection at every layer of defense with:

- Visual records in HDTV image quality
- Remote monitoring
- Minimal bandwidth and storage needs
- Easy integration with other systems
- Alarms and alerts
- Scalable, future-proof solutions
- Compliance with security and privacy regulations
- Energy savings, thanks to cameras that provide images in low-light
- Storage on the edge (on-camera backup)

# Five layers of Axis protection.



## 1 Perimeter

## 2 Grounds

Even when it's dark out, a combination of our HDTV and thermal cameras provide discreet and cost-effective deterrence, detection and monitoring of potential intruders and vandals, a visual record of access at security booths and intelligent analytics that can easily be integrated with your other systems. Our network cameras also act as deterrents and reduce false alarms by providing visual verification. In addition, pre-defined triggers set off alarms or send messages to security staff, allowing you to cut back on routine patrols.

A wide selection of camera types is your second level of defense. They let you effectively monitor grounds and parking lot even in the dark. Powerful pan, zoom and tilt capabilities give you both wide-area coverage and detailed information. And here too, pre-defined triggers that set off an alarm or send texts to alert staff to developing situations free you from constant monitoring and frequent security patrols.

Axis network cameras in your lobby, in office areas and at building entrances form the third layer. Here, technology that compensates for changing light conditions and big differences between the lightest and darkest spots in a scene provide clear, identifiable visual records of people entering and leaving the building. And features like motion detection, alarm and event management alert staff to situations in which intervention is required. In addition we offer open platform physical access systems for audiovisual identification and remote entry control.



### 3 Building



### 4 Server hall



### 5 Cabinets

In addition to all the technology and the intelligent notification and alarm solutions protecting your perimeter, your grounds and your building as a whole, our proprietary solution for areas like hallways and corridors maximizes image quality in the aisles of your server hall. At the same time, it eliminates bandwidth and storage waste at this, the fourth layer of defense.

Your last line of network video defense consists of cameras mounted right on your servers. Like all of our cameras they too provide excellent HDTV image quality regardless of lighting conditions and can be equipped with alarm solutions to alert you to a breach of security right where it matters most.

# The inside story.

**Secure data is the heart of your business. Security is ours. Here's a look at the advantages of network cameras from Axis and the technologies at their core.**

## **Cameras that see in the dark**

See what's happening around your facility at night – with the lights turned off – with the help of Axis' thermal cameras and Lightfinder technology. By visualizing heat radiating from people, vehicles and objects, thermal cameras let you see in total darkness and through smoke and haze. And thanks to Axis' Lightfinder technology, you get excellent color images even in very low light, allowing you to save energy by keeping the lights off.

## **Get the wide view**

Wide areas like parking lots can be a challenge to cover. With Axis PTZ (pan/tilt/zoom), you get a 360-degree panoramic overview of large open spaces, and the ability to zoom in on areas of interest.

## **Who's that at the door?**

Controlling who enters your facility is just as important as keeping an eye on what's going on around it and inside it. So Axis access control solutions are the perfect complement to your Axis video cameras. They're open-standard IP-based door stations for two-way communication, identification and remote entry control. They provide clear, uninterrupted communication and let you grant or refuse entrance remotely from laptop, desk phone or mobile.

## **The difference between a face and a shadow**

Using multiple exposure levels, Wide Dynamic Range in Axis cameras allow an excellent degree of detail even when there are extremely bright and dark areas. Typical examples are at entrances with bright daylight outside and dimmer light inside. In addition, using our proprietary WDR-Forensic Capture, we apply a set of advanced algorithms to lower noise and increase the image signal for highly detailed images that are optimized for forensic purposes.

## **Let there be – more, or less – light!**

Controlling a camera's iris opening is a useful way to achieve clear images in shifting light conditions – like at building exits and entrances. P-Iris is an automatic, precise iris control solution, which improves image quality by ensuring that the part of the lens that performs best – the center – is used most of the time.

## **Get the narrow view**

For monitoring an area that's more vertical than horizontal – like the aisles in your server room – our Corridor Format is the perfect solution. You get a portrait-shaped video stream with a 9:16 aspect ratio that's adapted perfectly to the monitored area, maximizing image quality, while eliminating bandwidth and storage waste.

## **Use fewer cameras**

You need detailed views of all points of interest as well as an overview of your entire site. In a standard analog installation this is only possible with a separate camera for each view. Axis HDTV cameras, however, cover a large area – up to 360 degrees, and let you view separate video streams of zoomed-in sections at the same time as the full overview image. Installing fewer cameras keeps installation and maintenance costs low. And streaming selected areas individually minimizes bandwidth and storage needs.





# About Axis Communications

Axis offers intelligent security solutions that enable a smarter, safer world. As the global market leader in network video, Axis is driving the industry by continually launching innovative network products based on an open platform – delivering high value to its customers and carried through a global partner network. Axis has long-term relationships with partners and provides them with knowledge and ground-breaking network products in existing and new markets.

Axis has more than 2,000 dedicated employees in more than 40 countries around the world, supported by a network of over 75,000 partners across 179 countries. Founded in 1984, Axis is a Sweden-based company listed on NASDAQ OMX Stockholm under the ticker AXIS. For more information about Axis, please visit our website [www.axis.com](http://www.axis.com).