Shield what's precious

At the heart of every business is information. Keeping it safe requires protection that spans from perimeter to core. With a multi-layered approach, Axis provides protection at every level, from different kinds of data risk threat: cyber, physical, external and internal.

AXIS®
COMMUNICATIONS

Five layers of security

Have you got it all covered?

From early detection outside your premises to the ability to interpret alarms and respond swiftly to them – layers of security ensure that your data center stays in operation and that the valuable data at its heart is protected. Here is a list that helps you check which parts of your data center are sufficiently protected.

1

Perimeter

Starting at the outer boundary of your area, the first layer of protection allows you to detect and verify a potential intruder from virtually any location in real time. Thermal or visual cameras and radar work for you, and smart analytics trigger warnings and alert your staff, saving time and money spent on routine patrols and addressing false alarms.

2

Premises

Once within your premises, people and objects can be tracked across multiple sites and you can identify people using cameras to observe specific areas of interest. You can quickly detect any unwanted activity and act on alarms by using pre-recorded audio messages.

3

Building

Next is the actual building. Access control can be had across multiple sites, working from a single, remote location. You can identify, authenticate and authorize entry to ensure only authorized personnel are granted access. You can achieve flexible, cost-effective and innovative security that can be optimized for any need, small as well as large.

4

Server rooms

This layer of protection can prevent damage inside the actual data center. Apart from protecting people and assets, a high-resolution video camera can digitally zoom into a preset position when a cabinet door is opened. Video recordings provide the possibility to review what has taken place in the data center.

5

Server racks

The heart of your data center is secured through alarms if activity is detected at unexpected times, or if cabinet doors are left open for more than a set number of minutes. This layer of protection prevents damage to your servers caused by crime or carelessness from your employees. When alerted, you can check video footage for verification, and use the 2N SIP Mic to communicate with anyone at the server racks.
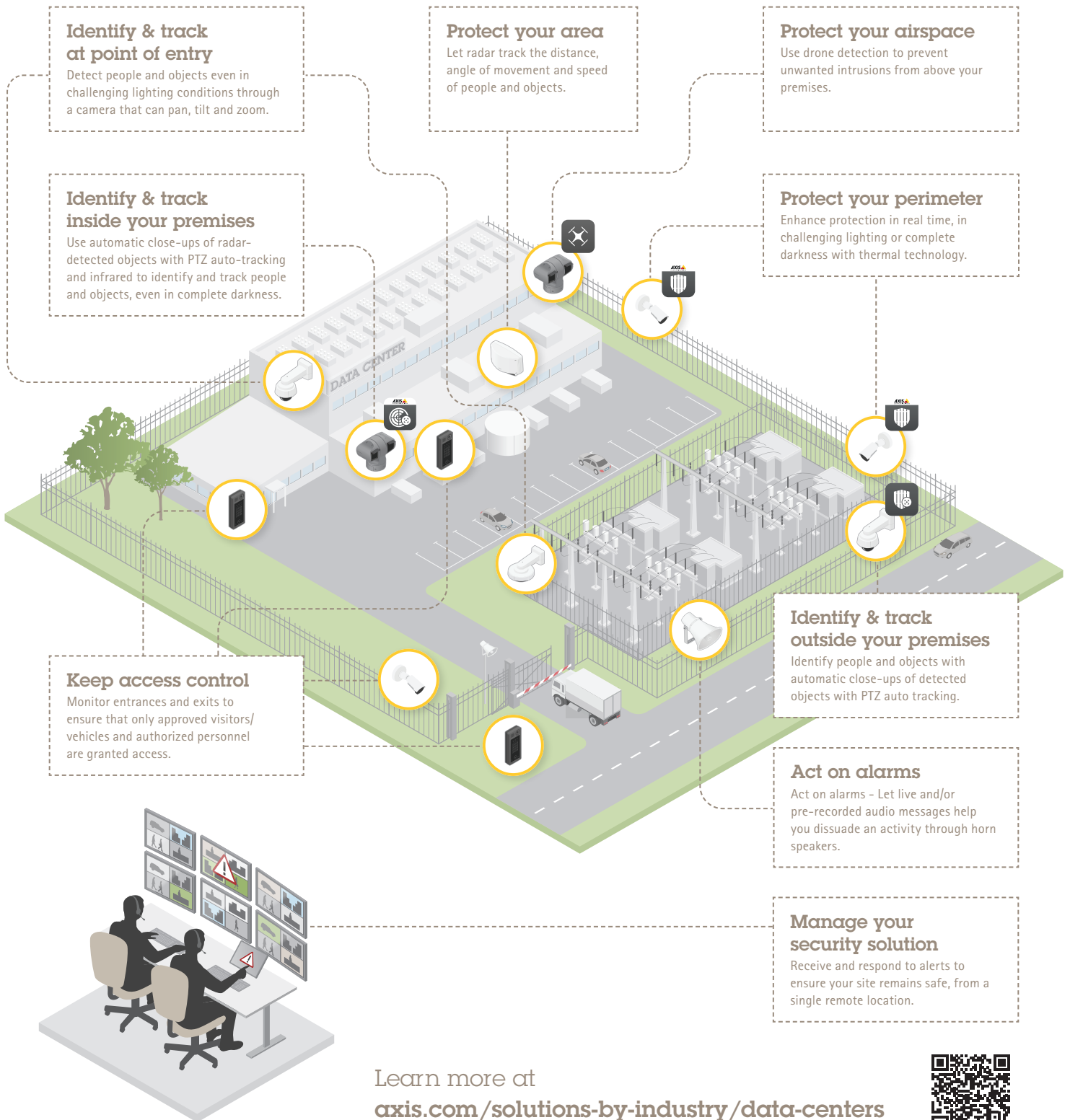
Learn more at
axis.com/intrusion-protection

For a fully optimized security operation, all components should work together to immediately alert you of security breaches.

Detect movement and spot unwanted activity

Zoom in on the details

Receive alerts and respond appropriately

DETECT & VERIFY   **IDENTIFY**   **DETER & ACT**

When all five layers of security have been implemented, this is what a data center looks like.

Identify & track at point of entry
Detect people and objects even in challenging lighting conditions through a camera that can pan, tilt and zoom.

Protect your area
Let radar track the distance, angle of movement and speed of people and objects.

Protect your airspace
Use drone detection to prevent unwanted intrusions from above your premises.

Identify & track inside your premises
Use automatic close-ups of radar-detected objects with PTZ auto-tracking and infrared to identify and track people and objects, even in complete darkness.

Protect your perimeter
Enhance protection in real time, in challenging lighting or complete darkness with thermal technology.

DATA CENTER

AXIS

Keep access control
Monitor entrances and exits to ensure that only approved visitors/ vehicles and authorized personnel are granted access.

Identify & track outside your premises
Identify people and objects with automatic close-ups of detected objects with PTZ auto tracking.

Act on alarms
Act on alarms - Let live and/or pre-recorded audio messages help you dissuade an activity through horn speakers.

Manage your security solution
Receive and respond to alerts to ensure your site remains safe, from a single remote location.

Learn more at
axis.com/solutions-by-industry/data-centers

Axis data centers - Shield what's precious

The overall layer: cyber protection

Concern about cybercrime is real, but there is no single solution that solves the problem once and for all.

A question of managing risk

Effective cybersecurity starts with assessing risks and consequences and taking appropriate steps. Axis products are designed to enable secure behavior and decrease the risk of compromise. But we also understand that staying cybersecure takes more than just products with cutting-edge technology - it's also about people, technology and ongoing processes.

Dedicated to security

The regular assessment of the security solution at your data center is carried out from outside your premises and all the way into the heart of your business. An Axis solution offers several layers of protection and integrates seamlessly with your data center's systems. As your partner, we do everything in our power to make it as easy as possible for you to mitigate risk, today and in the future.

Learn more at **axis.com**