

# Banking & Finance



## **Evolving bank security.**

Easy and effective IP  
surveillance solutions for  
banking and finance.

**Technology evolves. Crime adapts.**

# **IP surveillance keeps you secure.**

Technology seems to evolve at a faster pace every day. And with every new step financial institutions take — from adding more ATMs and self-service stations to enabling mobile banking — criminals try new ways to circumvent security measures.

Network surveillance solutions from Axis are the easy, cost-effective way to meet today's evolving bank security needs — keeping you ahead of crime. With HDTV, you have the most reliable, crystal-clear video available.

You also gain a range of valuable product capabilities to tighten your security. Quite simply, IP video is the safest choice to ensure you're prepared, today and tomorrow.

## **Network video enables proactive security**

A network video surveillance system helps you detect potential security threats so you can take proactive steps to prevent crime.



## A surveillance solution that grows with your needs

As the world leader in network video, we're committed to helping you improve your security today and prepare for new challenges tomorrow. That's why we've focused on simplicity and flexibility. So you can easily integrate Axis solutions into existing CCTV installations, high-tech designs, and anything in between to gain additional benefits from your video system.

Axis' wide product portfolio offers everything you need. From covert cameras to encoders, you can cover every angle. And with our unique open platform, it's easy to implement solutions step by step — as they're needed, where they're needed.

You can also connect Axis solutions with other IP-based systems, such as fire alarms and access control systems. Technology and criminal activity will continue to change. Yet, a network video solution from Axis gives you full flexibility to evolve — easily, quickly, cost-effectively.

### **True scalability**

With Axis network video solutions, you can add more functionality at your own pace — from encoders and cameras to proactive security measures and video intelligence.



# Meeting diverse security needs in banking and finance

We've developed targeted solutions for all the areas you need to secure — from ATMs and branch offices to data centers and cash depots. With instant benefits and enhanced security from day one, Axis' network video solutions are a natural fit for your security.

Branch offices



ATMs



Corporate buildings



Data centers



Cash depots



**Learn more**

Discover more solutions at  
[www.axis.com/banking/](http://www.axis.com/banking/)

## Ensure system reliability

Axis gives you system reliability on all levels. Tampering alarms notify you in real time of any suspicious changes in the camera view. With options for video recorded to SD cards in the cameras, you get redundancy to safeguard system reliability. That means you won't have to worry about finding out after an incident that a camera wasn't recording. Plus, with network security protocols standard in all Axis network video cameras and encoders, you can count on secure video transmission.

## Move from forensic to preventive security

Network video gives you the unique ability to be proactive. Axis solutions such as motion detection, tampering alarms and cross-line detection, as well as partner applications such as sound alerts and face recognition, can help you stop criminals before they carry out their plans.

## Streamline operations and reduce costs

Integrated video and alarm systems reduce the cost of false alarm verification. Plus, remote access to live and recorded video means no wasted time and resources sending personnel to retrieve video. Manage your entire video system remotely, and even send live video directly to police.

## Maintain complete compliance

Axis makes compliance easy with video encryption, multi-level password protection, authentication mechanisms, event-based recording, masking and more to protect information. You'll easily stay in line with IT security standards and HR requirements. The vast product portfolio and extensive accessory line offer a variety of camera models and mounting options to help you comply with interior design guidelines.



**Gain advanced image quality and usability**

Network video brings the benefits of digital imaging to security solutions – starting with progressive scan, which delivers clear images even in scenes with a lot of motion. HDTV/megapixel technology allows for coverage of larger scenes and provides at least three times better resolution than analog CCTV. That gives you exceptional detail for positive identification in investigations.

High image quality also means you have usable video, so you can keep better control of operations such as money counting, as well as fighting internal and external fraud.

With Axis network video, not only do you get the industry's leading HDTV/megapixel cameras for higher quality video, but also Axis' unique solutions for typical image problems – from tight hallways and large public areas, to bright, backlit scenes and completely dark areas.



**Increase business efficiency and enhance customer service**

Beyond improved security, Axis network video solutions allow you to tap into the additional business benefits IP offers. For example, Axis partner applications such as people counting and face recognition allow you to optimize staff planning, integrate public view monitors for targeted information to loyal customers, and more.

# Solutions for branch offices

Your branch offices face a wide range of challenges — from armed robbery, vandalism and fraud to keeping a high level of customer service. Since these locations provide invaluable opportunities to interact with customers face to face, it's vital to create a safe, secure environment where things run smoothly every day. Axis solutions fit in everywhere you need them for improved security, efficiency and service.



AXIS M30 Series. Cameras for discreet indoor surveillance.

## Watch your whole lobby at once

Panoramic 360° cameras offer a complete overview of customer areas and lobbies with a single camera — eliminating dead angles.

## Take advantage of multi-view streaming for teller lines

One HDTV camera covers a larger scene than four 4CIF cameras, and offers the possibility for different video streams.



## Overcome difficult lighting conditions

Cameras with Wide Dynamic Range (WDR) can handle strong backlighting from large windows, glossy floors, and other reflective surfaces.

## Positively identify everyone on site

WDR cameras, along with covert cameras mounted at eye-level, provide identifiable images for everyone entering and exiting.



## Leverage your existing analog camera base

Video encoders connect your existing surveillance equipment for instant IP benefits.



AXIS P12 Series. HDTV cameras for covert surveillance.

## Solutions for ATMs

Often placed in open, unsecured locations, ATMs pose a unique security challenge. Vandalism, attacks, robberies, and fraud are an everyday reality. With the Axis network video advantage, not only do you have high-quality surveillance, but you also get an easy, cost-effective way to improve customer service and streamline operations.

### Keep an eye on the whole self-service area at once

Panoramic 360° cameras offer a complete overview of the ATM lobby with a single camera — eliminating dead angles.

### Gain cost-effective video recording/storage

Built-in SD card slot for video storage saves money and space over equipment like DVRs. Can serve as either primary storage or as backup.

### Positively identify fraudsters

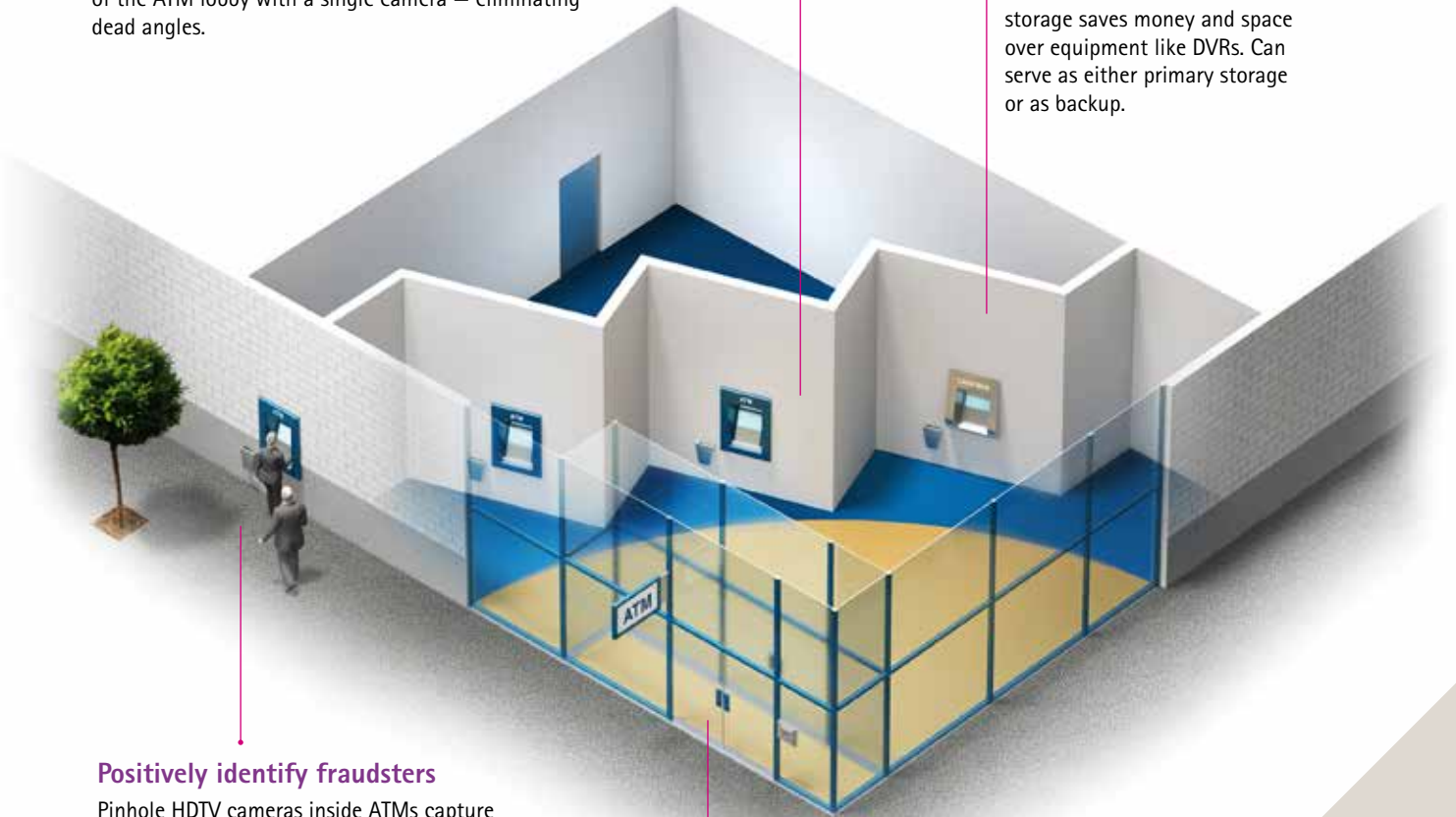
Pinhole HDTV cameras inside ATMs capture facial details from a natural angle with exceptional image quality for positive identification or verification of suspected fraud.

### Cut costs with remote access

Facilitate quick investigations and save on resources with remote access to both live and recorded video.

### Get automatic alerts

With tampering alarm and video motion detection and Axis partner applications such as loitering alerts and left object detection, you can quickly identify potential skimming, cash and card trapping or other fraudulent activities.

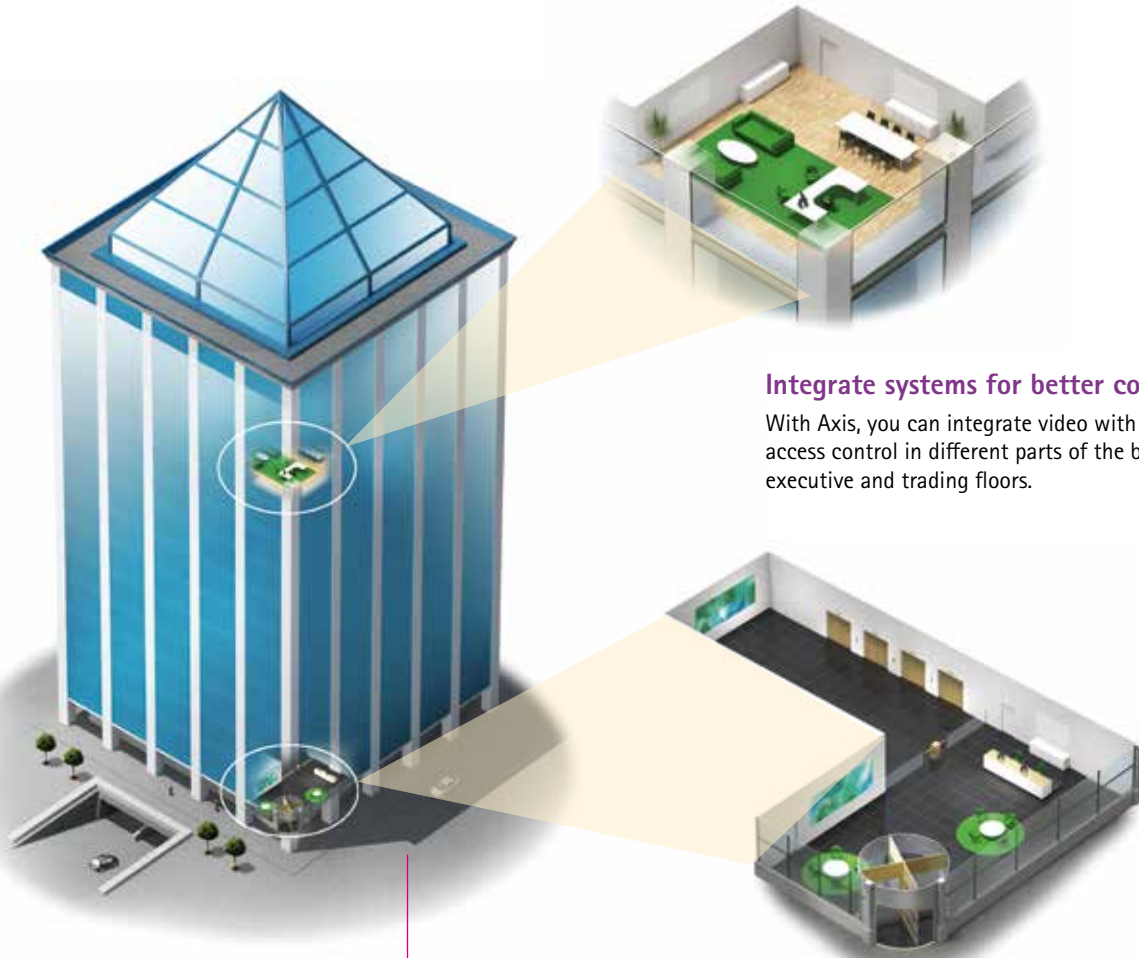


# Solutions for corporate buildings

With critical back-office operations supporting your retail banking and brokerage facilities, risk and security at corporate buildings are always a concern. Not to mention ensuring a safe and well-functioning environment for the executives, personnel and visitors in the building. Axis provides the right level of surveillance for all your needs, from perimeter and main entry to access control.



AXIS P55 Series. Advanced indoor and outdoor pan/tilt/zoom cameras.



## Integrate systems for better control

With Axis, you can integrate video with alarms and access control in different parts of the building, such as executive and trading floors.

## Save time with false alarm verification

Video verification of alarms allow you to immediately rule out false alarms in the entire building — saving valuable time and resources.

## Ensure image usability from outdoor cameras

Vandal-resistant, robust cameras with high image quality (HDTV/megapixel) and features such as Lightfinder technology secure outdoor premises, parking lots and garages 24/7. Pan/tilt/zoom (PTZ) cameras allow overview, as well as exceptional image detail.

## Capture details even in backlighting

Cameras with Wide Dynamic Range (WDR) maintain high image quality even with strong backlighting from large windows.





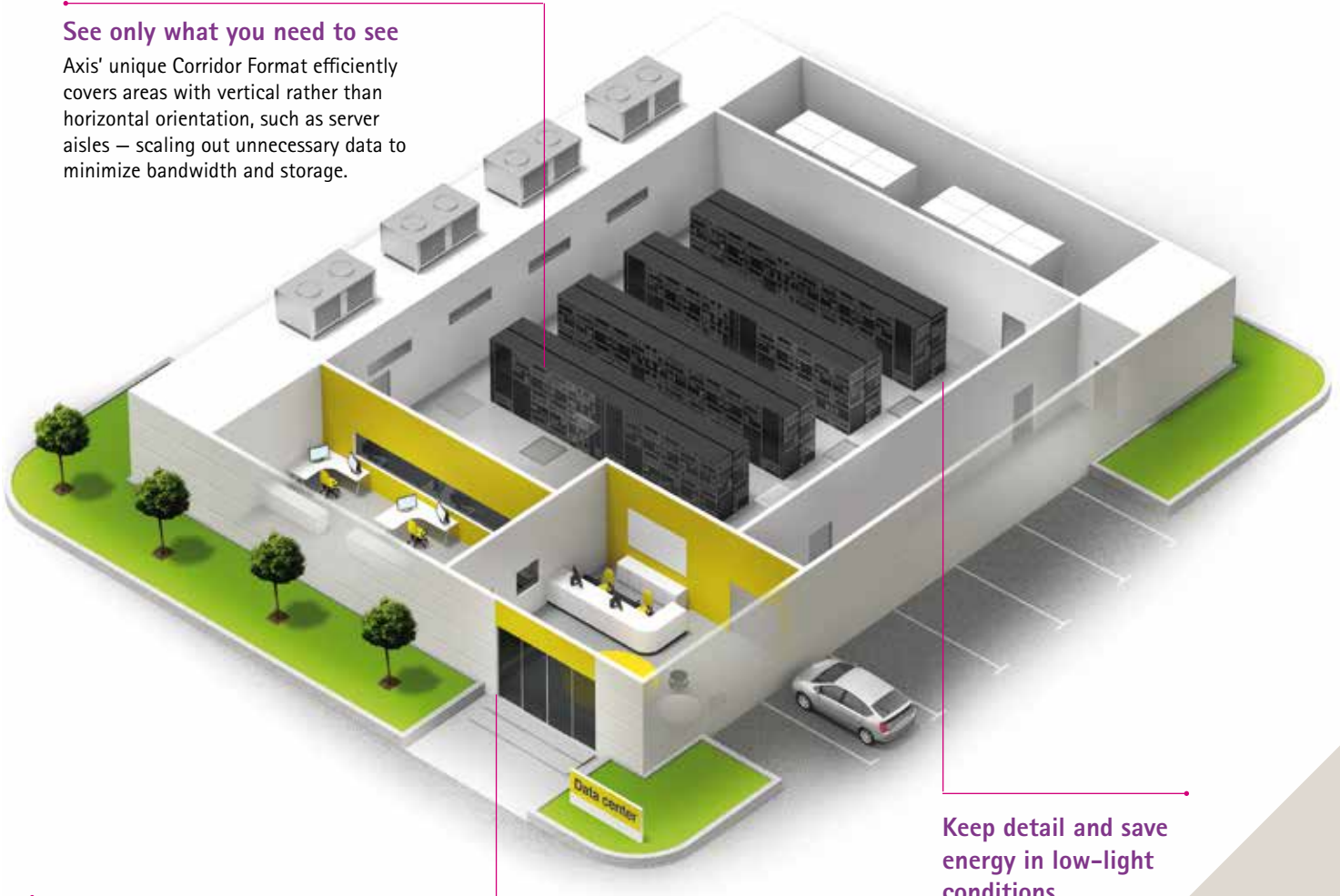
AXIS Q16 Series. Outstanding image performance in difficult conditions.

## Solutions for data centers

Data centers may not handle cash and customers, but their assets are probably worth more than their weight in gold. Effectively serving as nerve centers for your whole organization, these crucial information hubs need reliable, round-the-clock surveillance. Axis network video solutions help you ensure uninterrupted data management with tight access control, overall exterior and interior surveillance, and more.

### See only what you need to see

Axis' unique Corridor Format efficiently covers areas with vertical rather than horizontal orientation, such as server aisles – scaling out unnecessary data to minimize bandwidth and storage.



### Maintain complete control on entry and exit

Video management integrated with access control and intrusion alarms captures highdefinition images with every entry and exit, giving you visual ID and detecting possible security breaches.

### Manage bandwidth and storage issues

With H.264 compression, you can save on bandwidth and storage for all video transmission and recordings.

### Keep detail and save energy in low-light conditions

Axis Lightfinder technology maintains high detail and colors even in low light areas such as server rooms.

# Solutions for cash depots

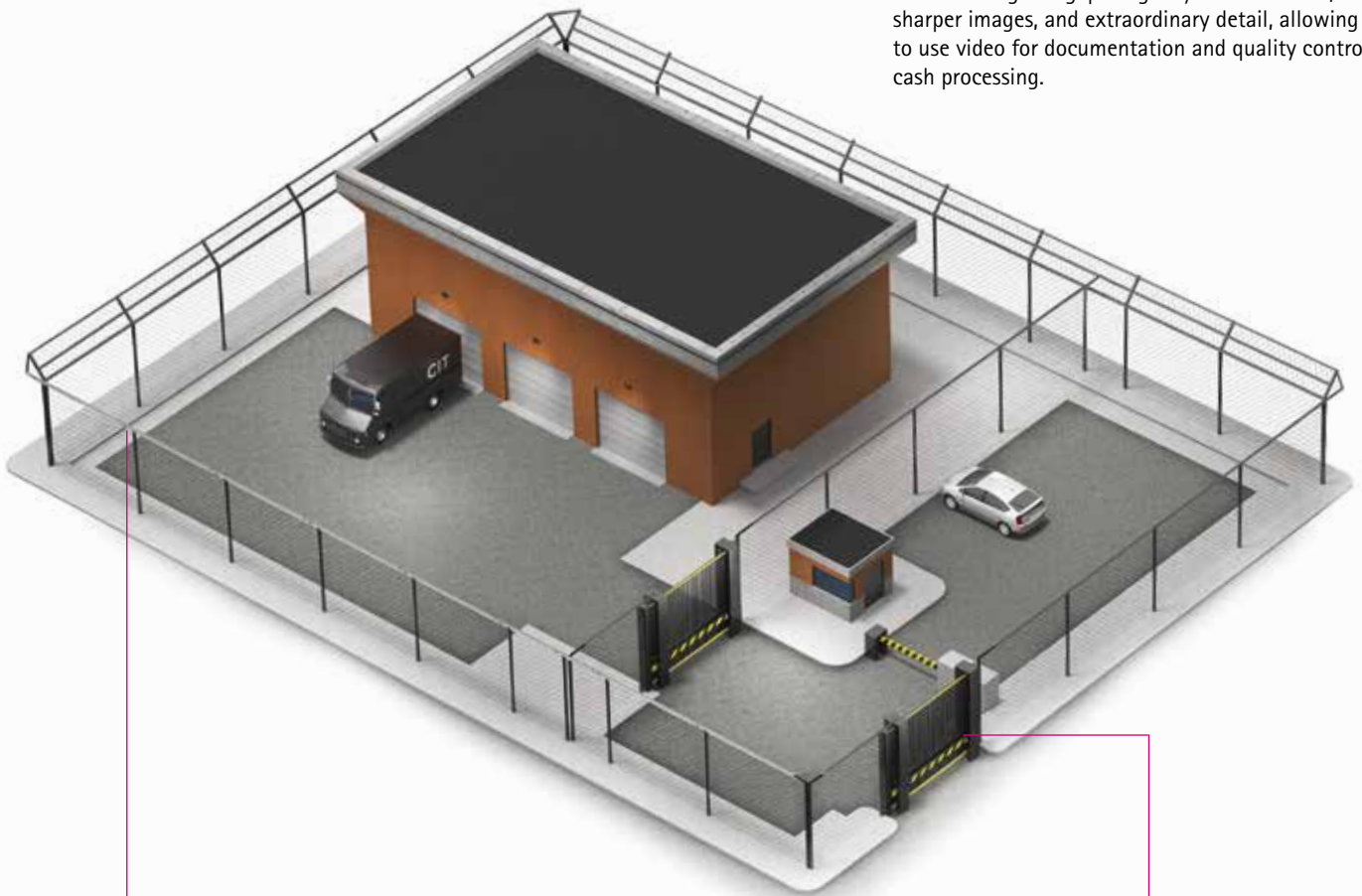
Both for thieves and employees, cash depots offer an attractive target. Axis network video solutions help you make it less attractive by making it practically impossible for them to avoid detection. Integrated alerts and crystal-clear images — captured outside and in — help ensure nothing escapes your attention.



AXIS Q19 Series. Reliable detection even in complete darkness.

## Catch every detail to the last note

HDTV and high megapixel give you better color, sharper images, and extraordinary detail, allowing you to use video for documentation and quality control of cash processing.



## Keep track of your perimeter security

Axis' high-speed pan/tilt/zoom (PTZ) and thermal cameras can be set to interact, with thermal detection activating high-speed zoom verification. You can even define set areas for automatic cross-line detection.

## Use two-way audio to remotely control situations

Gain a better understanding of and interact with what's happening onsite by issuing instructions or warnings, as well as hearing responses.

## Maintain complete control of entry and exit

Video management integrated with access control captures high-definition images with every entry and exit, giving you visual ID and detecting possible security breaches.

## Make the right decisions faster

Axis' open platform allows you to integrate network video surveillance with your alarm systems for instant visual identification — helping you decide on the right actions faster and reducing the cost of false alarm verification.

# Proven in some of the most demanding banking and finance environments in the world.

## **Banco do Nordeste, Brasil**

"There were problems with the old infrastructure, which was based on an analog system, particularly in regard to the peripheral cameras, which had poor image quality, making processes of investigation and diagnosis difficult. ...The [Axis] solution acquired by the Bank is in keeping with the latest market trends, which guarantees a prolonged useful life of the system, lower maintenance contracts, and flexibility of updating."

**José Boileau Esmeraldo Jr., Executive Manager, Bank Security Division, Corporate Security Environment**

## **Legacy Bank, Oklahoma, United States**

"Our entire organization is being implemented from our 10-year-old analog system...to go with a fully IP-based surveillance solution. We utilize the IP solutions' high performance for facial recognition, license plate capture and a general crime deterrent, all with the convenience of remote management. It's been amazing and we're still learning, but it was a pretty easy decision."

**Ken Worth, Senior Security Officer**

## **Shaanxi Rural Credit Cooperative, China**

"The world-leading Axis products bring superior image quality, and their unique features and functionalities meet the Union's needs. Remarkable low light, Wide Dynamic Range IP cameras provide the high degree of color revivification, high image clarity, as well as stable and reduced bandwidth and storage requirements, which are just what the Union wants. In particular, Axis' panoramic view products feature wide coverage per unit, and offer outstanding functionality and performance to reduce the Union's investment."

**Cai Dong, general manager of Shaanxi Xin Ke Long Ltd.**

## **Equa Bank, Czech Republic**

"We had to adhere to our low-budget, but at the same time needed a high-quality image and stable solution with minimal maintenance demands. Our experience thus far indicates that the IP camera system solution was a very good choice."

**Josef Bílek, Head of IS Security, Equa bank**

## **Sparkasse Kraichgau, Germany**

"Several things were important to us in the transition to a new video surveillance system. We wanted to incorporate the video image into our own IT system, to manage it ourselves and to be able to expand it little by little, which naturally provides us with great economic benefits. ...The new Axis system meets all these requirements."

**Klaus Gutermann, Director of Organization**

# 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 customers 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 1,600 dedicated employees in more than 40 countries around the world, supported by a network of over 65,000 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).