

# Extreme Fabric + Axis Communications

## Automated Device Onboarding and Deployment

The use of video for safety and security is rapidly growing in public spaces, as well as large organizations. While video surveillance monitoring has traditionally been limited to security operations centers, the ability to use Ethernet-based networks opens a myriad of challenges and opportunities for accessing live and recorded video.

Many networks are not equipped to deal with modern video surveillance applications or the POE requirements. Data generated by state-of-the-art, high-definition surveillance cameras runs over poorly designed and under-powered multicast networks, limiting the full potential of surveillance data. With elegantly integrated solutions, video security and networking teams enable their organizations to scale quickly and provide resilient surveillance solutions.



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.

### Simplify and Scale Surveillance Deployment

Quickly deploy and maintain large device deployments of Axis network products at-scale by leveraging automation built into existing network infrastructure.



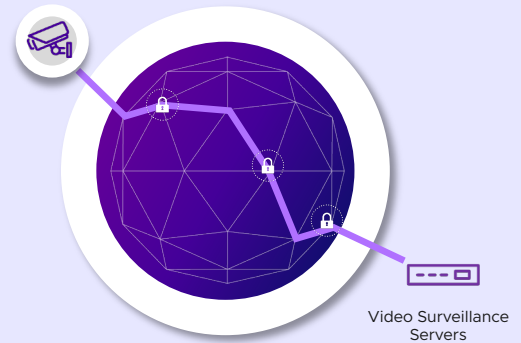
Faster deployment and services by eliminating the need for manual configuration, allowing applications to run as much as three times faster



Massive scaling up and down of thousands of video streams without the need for maintenance windows or on-site network experts

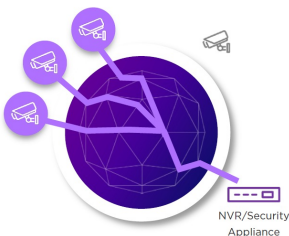


Higher reliability with streamlined and simplified network management, significantly reducing the number of required protocols and touchpoints

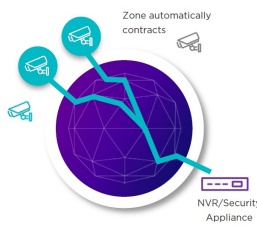


### Enhanced Security With Elasticity

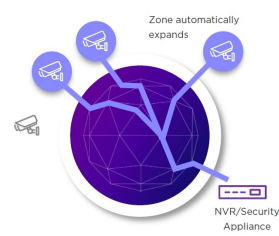
Extreme Fabric allows security camera zones to elastically and automatically adjust as cameras are removed, added, or moved. With zero-touch provisioning of Axis cameras onto Extreme's Fabric network, cameras are always assigned to a secure multicast-enabled segment regardless of where they connect to the fabric network.



Security Camera Zone



Security Camera Removed



Security Camera moved

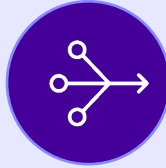
# Features

The partnership between Extreme and Axis delivers highly-scalable video surveillance that is easy to design, deploy and operate. The tight integration of the Axis products with Extreme Fabric allows for easy scaling of network video streams and a reliable, always available video surveillance solution.



### Tight Integration

Axis' latest products support Extreme Fabric due to built-in software integration between Extreme & Axis



### Protocol Simplification

Reduce the stack of protocols from a complex combination to a single IEEE/IETF Shortest Path Bridging protocol



### Flexible Enablement & Multiple Security Tiers

Screenshot of enablement options

## Extreme Fabric + Axis Network Products

Axis offers a wide range of open-platform IP-based products for video surveillance, analytics, access control, intercoms and audio systems with Extreme Fabric Attach supported out-of-the-box on more than 150 products running AXIS OS 12.1 or later.

The integration between Axis and Extreme enables automatic onboarding of Axis devices into your Extreme network infrastructure with no pre-configuration needed on the Axis device. Extreme network switches can move Axis devices directly into the desired, pre-configured network segments, saving you significant work on network switch port configuration.

The [supported Axis products](#) include network cameras, speakers, intercoms, and access control solutions.



## Extreme Fabric



Extreme Fabric is a standards-based, network abstraction technology that enables multiple, discrete, and secure virtual networks to run seamlessly over your network infrastructure – independent of topology. These virtualized networks are inherently secure, with automated provisioning that minimizes manual configuration and the risk of network errors.

Learn more about Extreme Fabric [here](#)  
Learn more about Axis network products [here](#)