

# Extreme Networks Fabric + i-PRO

## Easily Onboard, Automate and Secure Network Camera Deployments

### i-PRO

i-PRO provides imaging, intelligence, and integration by making network camera products according to user needs.

### Simplify & Scale Surveillance Deployments

Rapidly deploy and maintain large IP security camera networks at-scale by leveraging automation built into the existing network. And with Extreme Platform ONE™ gain AI-powered networking management, advanced physical, fabric, and service views all with a single inclusive subscription.



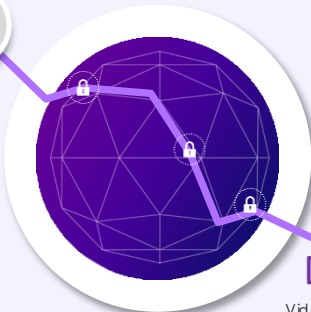
Faster deployment and services eliminate the need for manual configuration, allowing applications to run as much as 3x faster



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 with Extreme Platform ONE, significantly reduces the number of required protocols and touchpoints



Video Surveillance Servers

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, using Ethernet-based networks opens up a myriad of challenges but also opportunities for accessing live and recorded video.

Video technology is transforming safety and security across environments—from cities to corporate spaces. Ethernet-based networks now extend surveillance beyond control rooms, enabling access to live and recorded footage anywhere. Yet, these benefits also bring new challenges.

A well-designed IP camera network efficiently protects valuable organizational assets, assuming they are reliable, robust, and do not consume significant amounts of scarce IT resources.

Many networks and IT teams are not ready for modern video surveillance applications. High-definition surveillance cameras produce data that often runs over poorly designed multicast networks, limiting its value. These poorly designed networks often ties services too closely to the physical topology, requiring core reconfiguration amidst changes, and increase exposure to human error.

By choosing elegantly integrated solutions, video security and networking teams can scale quickly, deliver resilient surveillance, reduce human error, and make network changes seamlessly.

Zero-touch provisioning through Extreme Fabric Connect and Extreme Platform ONE eliminates manual configuration, enabling applications and AV services to perform up to 3x faster across edge and core.

### Extreme & i-PRO Partnership

"i-PRO's technology partnership with Extreme Networks further increases our ability to deliver highly integrated physical security system solutions faster and with an added layer of advanced automated network technology.

Our built-in connection to Extreme Networks' Fabric, and Extreme Platform ONE, provides unmatched scalability, flexibility, and ease of deployment for i-PRO IP-based cameras. The solution creates an agile, reliable, virtualized network where you can deploy advanced intelligence at the edge."

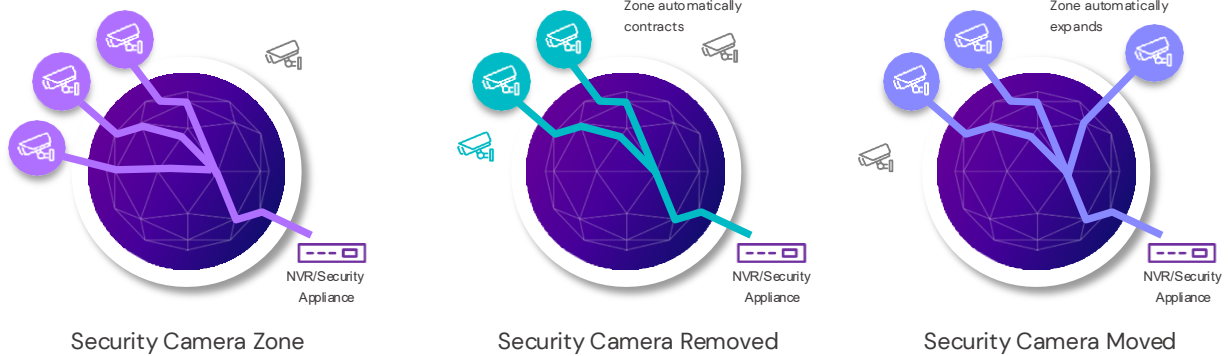
Using Extreme solutions provides hyper-segmentation to secure network traffic services and perfectly aligns with i-PRO's Cybersecurity Centric Core Technology."



– Hiroshi Sekiguchi,  
Executive Vice President, i-PRO Americas Inc.

## 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 i-PRO cameras onto Extreme's Fabric Connect network, cameras are always assigned to a secure multicast-enabled segment regardless of where they connect to the fabric network.



## Features of Partnership

The partnership between Extreme and i-PRO delivers highly-scalable video surveillance that is easy to design, deploy and operate. Moves, adds and changes are to camera zones automatically adjust because of the simplicity of Extreme Fabric and Extreme Platform ONE. The tight integration of the i-PRO security cameras with the Extreme Networks Fabric solution allows for easy scaling of network video streams and a reliable, always available video surveillance solution.



### Tight Integration

i-PRO's latest network cameras support Extreme Fabric due to built-in software integration between Extreme & i-PRO



### Protocol Simplification

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



### Multiple Security Tiers

Enable multiple levels of additional security through Fabric authentication and ExtremeControl

## Extreme Fabric Highlights

**Extreme Fabric** is the industry's most simple, automated, secure and resilient network fabric solution. Extreme Fabric, built on Shortest Path Bridging (SPB), is a network virtualization and automation solution.

- Standards-based Layer 2 simplified network fabric simplifies and automates networking and network security across campus, data center and branch
- SPB, edge-only provisioning and dynamic auto-attach of new devices accelerates new services
- Instant self-healing minimizes the risk and cost of downtime and disruption.

Learn more about Extreme Fabric [here](#)

Learn more about i-PRO network cameras [here](#)

