

# Extreme Fabric + i-PRO

## Automated and Secure Network Camera Deployment

### i-PRO

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

### Simplify & Scale Surveillance Deployment

Quickly deploy and maintain large IP security camera networks at-scale by leveraging automation built into existing network infrastructure.



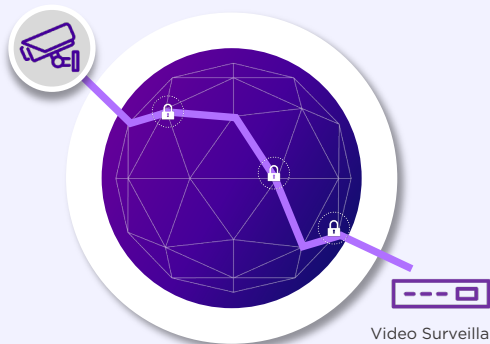
Faster deployment and services by eliminating the need for manual configuration, allowing applications to run as much as three times faster



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



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.

A properly designed IP camera network can efficiently protect 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 equipped to deal with modern video surveillance applications. Data generated by state-of-the-art, high-definition surveillance cameras runs over poorly designed multicast networks, limiting the full potential of surveillance data. These poorly designed networks may have services inefficiently coupled to the physical topology, require core reconfiguration amidst changes, and be vulnerable to human error.

By choosing elegantly integrated solutions, video security and networking teams enable their organizations to scale quickly and provide resilient surveillance solutions. This results in less human error and the ability to seamlessly make changes to the network.

### 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 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.”

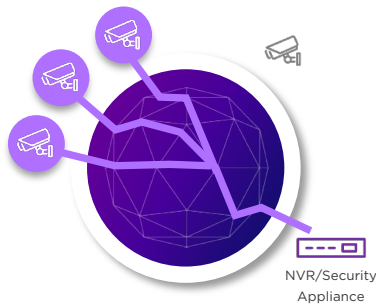
Using Extreme Fabric provides hyper-segmentation to secure network traffic services and perfectly aligns with i-PRO’s Cybersecurity Centric Core Technology.”



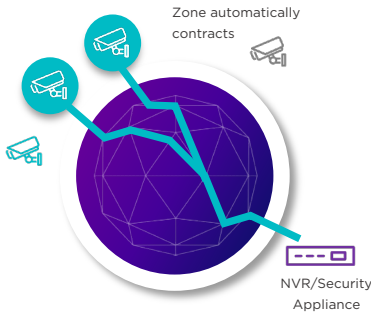
- Hiroshi Sekiguchi, Executive Vice President, i-PRO Americas Inc.

# Enhanced Security with Elasticity

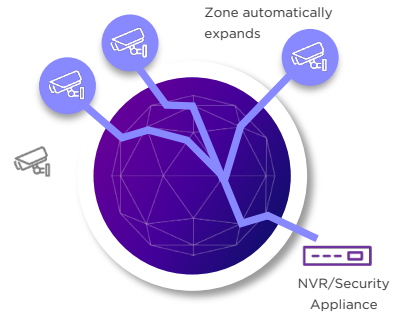
Extreme Fabric allows security camera zones to elastically and automatically adjust as cameras are removed, added, or moved. With zero-touch provisioning of i-PRO cameras onto Extreme's Fabric Connect network, cameras are always assigned to a secure multicast-enabled segment regardless of where they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



Security Camera Zone



Security Camera Removed



Security Camera Moved

## Features

The partnership between Extreme and i-PRO delivers highly-scalable video surveillance that is easy to design, deploy and operate. 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 protocol



### Multiple Security Tiers

Enable multiple levels of additional security through Fabric authentication and ExtremeControl

## 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 i-PRO network cameras [here](#)

