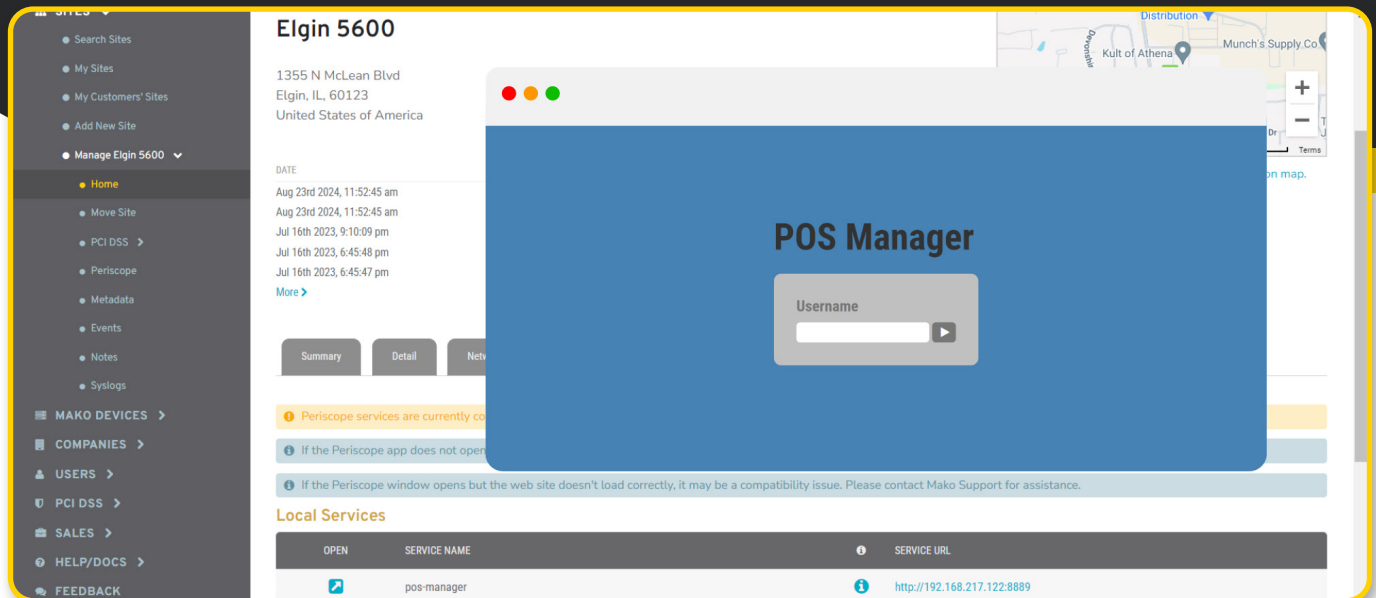# Periscope

Enhanced Visibility and Control of Third-party Systems from the Mako CMS

Mako
NETWORKS®

Overview

Periscope is an innovative new Mako feature that enhances remote management across a network of devices. Securely access all web-based services at remote sites from Mako's CMS - a single, secure interface. Simplify operations such as POS management, CCTV monitoring, and more.

Mako continues to deliver on secure operational convenience.

Administrative access to any web interface behind a Mako firewall.

KEY BENEFITS

✔ **Remote Accessibility**
Access any web service on a device located behind a Mako firewall[1], including POS systems, CCTV, DVRs, IoT devices, network storage, even commercial coffee machines. Now access devices that you traditionally had to be onsite or had created a pieced-together workaround to manipulate.

✔ **Security**
Leverages the PCI-certified Mako System's security features, including multi-factor authentication (MFA) and 256-bit encryption. Current jerry-rigged ways to gain access to all devices and systems at various locations lends itself to significant vulnerabilities.

✔ **Scalability**
Implement changes at scale with enterprise templates that allow configurations to be rolled out to all sites simultaneously.

✔ **Time and Cost Savings**
Eliminate the need for local equipment dedicated to accessing these services and further reduce the need for site visits.

How It Works

01 **User Interface Interaction** Users click on a web service listed under the Periscope tab in the selected site in the CMS.

02 **Secure Connection Initiation** The CMS sets up an encrypted VPN tunnel to the device, generating a one-time use URL that tears down after use.

03 **Protected Access** Access is tightly controlled and responds only to the IP address from which the request originated.
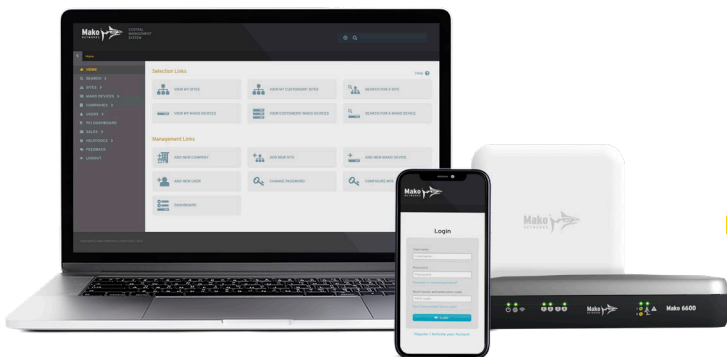
Traffic Monitoring and Control

Periscope monitors traffic to ensure compliance with security protocols, including IP addresses, ports, authentication status, bandwidth usage, and idle duration. It does not log sensitive information to protect user privacy.

Availability

Periscope is available as a limited free trial to all Mako Networks customers. Users must enable MFA and be authorized to view or manage Periscope services.

[1]*Requires Mako 6600 or newer on at least F6550 firmware*

Security Architecture

01 **HTTPS Connection** User's device connects to a virtual Mako device using HTTPS with strong TLS encryption.

02 **VPN Cloud** Connection extends through Mako VPN Cloud to the remote site's Mako security gateway with robust 256-bit encryption.

03 **Local Service Connection** The gateway connects to the local service via HTTP or HTTPS.

SYSTEM REQUIREMENTS

- Mako security gateway must be updated to firmware release CPE F6550 or later.
- Access to the Mako CMS with appropriate user credentials.

LEARN MORE

SCAN TO LEARN MORE ABOUT PERISCOPE

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