

Byos Secure Endpoint Edge™

Protect Apple Devices on Black Wi-Fi Networks

BYOS

USE CASE

Byos Secure Endpoint Edge™ provides hardware-enforced microsegmentation for Apple devices, enabling secure access over black networks without reliance on endpoint-based security controls.

Functioning as a lightweight secure CSfC Retransmission Device (RD), it enforces isolation at the first hop, ensuring that endpoint devices remain segmented from the underlying network while maintaining controlled, policy-based access to authorized resources.

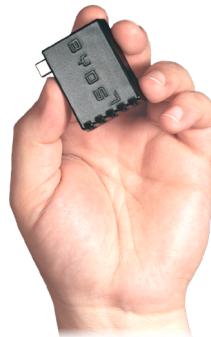


Purpose-Built Portable Security

Byos Secure Endpoint Edge™ is an external USB-based, plug-and-play Retransmission Device providing hardware-based isolation for laptops, tablets, and mobile phones.

Technical Specifications:

- Dimensions: 1.76 x 1.38 x 0.57 in. (4.48 x 3.49 x 1.45 cm)
- Type: Plug-and-Play USB Ethernet Gateway
- Power Consumption: Under 2W
- Connector: USB-C 2.0 (Compatible w/USB-A adapters)



MacOS

Supports secure, high-performance connectivity for MacOS devices, and compliant connectivity for remote workers handling sensitive data.

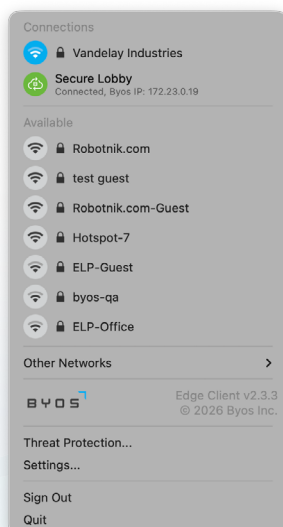
Key Features:

- Lightweight MacOS app for simple, intuitive secure Wi-Fi connectivity
- Centralized policy-based access control via Byos Management Console™
- Enables Administrators to manage licenses and review organizational network policies

Platform Support:

- Compatible with macOS 15.0 Sequoia and above

Mac App



Management Console™



Download the MacOS App

iOS and iPadOS

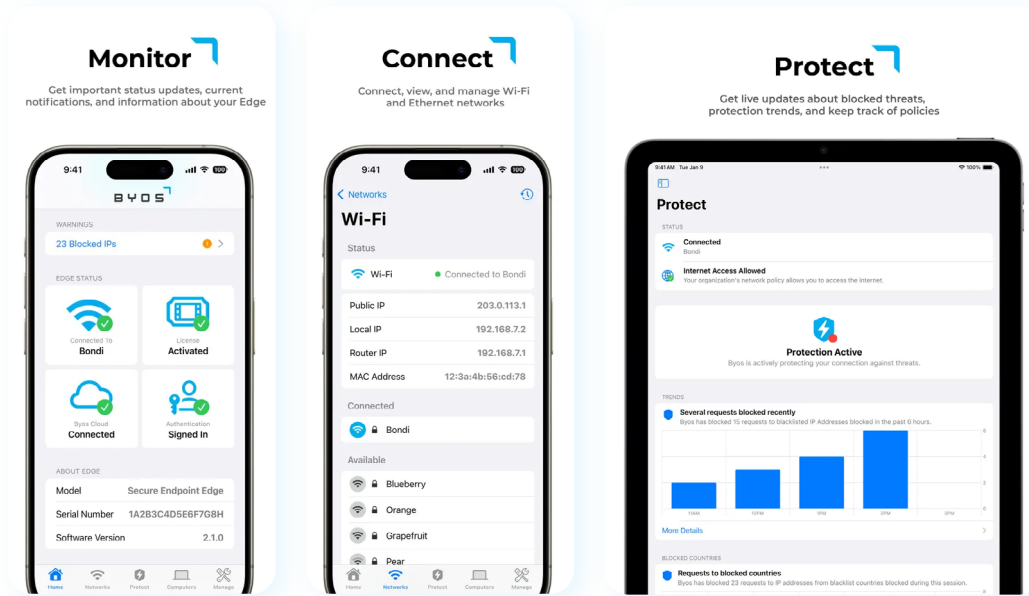
Extends secure access capabilities to mobile users operating on iPhone and iPad devices in the field or on the move.

Key Features:

- View current network and connection details, including public IP, local IP, router IP, MAC addresses, and Byos overlay connection status
- Receive live updates and trend visibility for blocked traffic and detected threats
- Collect logs and diagnostics for troubleshooting and support purposes

Platform Support:

- Compatible with iOS 18.0 and newer
- Compatible with iPadOS 18.0 or newer
- Requires iPhone 15 or newer (USB-C)



Download the iOS / iPadOS App

Why It Matters

Traditional secure mobility solutions assume the endpoint can be trusted. Byos flips that model.

- No dependency on endpoint OS security posture
- Centralized policy enforcement and real-time visibility
- Prevents lateral movement and network exposure on untrusted, hostile networks

With Byos Secure Endpoint Edge™, Apple devices can securely operate anywhere, without exposing data, devices, or infrastructure, and can be deployed and set up within minutes.

Operational Environments

- Government and defense deployments compliant with NSA **Commercial Solutions for Classified (CSfC)**
- Field deployments requiring Apple device connectivity on untrusted or public Wi-Fi networks
- Secure remote access for MacBook users and contractor personnel



Get Started

Enable secure Apple device connectivity with ease. Deploy hardware-enforced microsegmentation at the edge with Byos Secure Endpoint Edge™, visit us at byos.io or **book a demo at** byos.io/demo