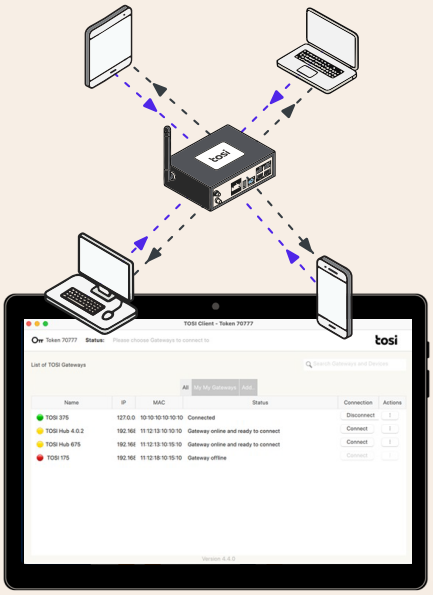
Connect. Visualize. Control. Secure OT that Scales.

DATASHEET

TOSI KEYS & CLIENTS

Secure identity-based access for OT

Tosi Keys & Clients are identity-based access components of the Tosi Platform. They authenticate users and devices so only authorized people and systems can securely access OT networks and assets.



Tosi Key interface showing connected Gateways and device status

HOW TOSI KEYS & CLIENTS WORK

Tosi Keys & Clients establish secure encrypted connections to Tosi Gateways. Keys with Admin privileges can grant and revoke access rights for other users and add new Gateways. Keys & Clients work with Tosi Hub to deliver scalable, auditable access across distributed environments.

KEY & CLIENT TYPES

Tosi Key is a USB cryptoprocessor that provides device-bound access for critical and regulated environments. Keys with Admin privileges can manage access rights for other users and add new Gateways. Tosi Client for Desktop delivers secure access for Windows and macOS, can be bound to a physical Tosi Key for additional governance. Tosi Client for Mobile enables secure OT access from iOS and Android devices for on-call engineers and field teams.

SECURITY BUILT IN

Tosi Keys & Clients use a zero-trust architecture with hardware-based cryptography. Private keys are stored in FIPS 140-2 compliant cryptoprocessors and never leave the device. Connections use 2048-bit RSA keys and AES 256-bit encryption. Two-factor authentication combines physical device possession with user credentials. There are no shared passwords, no exposed credentials, and no backdoors.

BUSINESS OUTCOMES

Strong identity-based access control for OT environments. Reduced risk from shared credentials and unmanaged VPNs. Simplified onboarding and offboarding of employees and vendors. Auditable, centrally governed access across all sites. Secure remote access without increasing attack surface. Keys and Clients integrate with Tosi Control's enterprise SSO for centralized identity and access management across your entire fleet.

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