

ADDRESS IOT / IIOT SECURITY & COMPLIANCE

INTEGRATED PRIVILEGED ACCESS MANAGEMENT & VULNERABILITY MANAGEMENT FOR ALL DEVICES



Find all IoT/IIoT devices

Identify all devices, vulnerabilities, and security weaknesses, including hardcoded passwords and shared accounts.

Improve IoT/IIoT Security

Fix vulnerabilities and security weaknesses and extend best-practice privileged access security controls to all devices.

Unify IoT/IIoT Management

Centralize IoT/IIoT privilege and vulnerability management and reporting capabilities within a single platform.

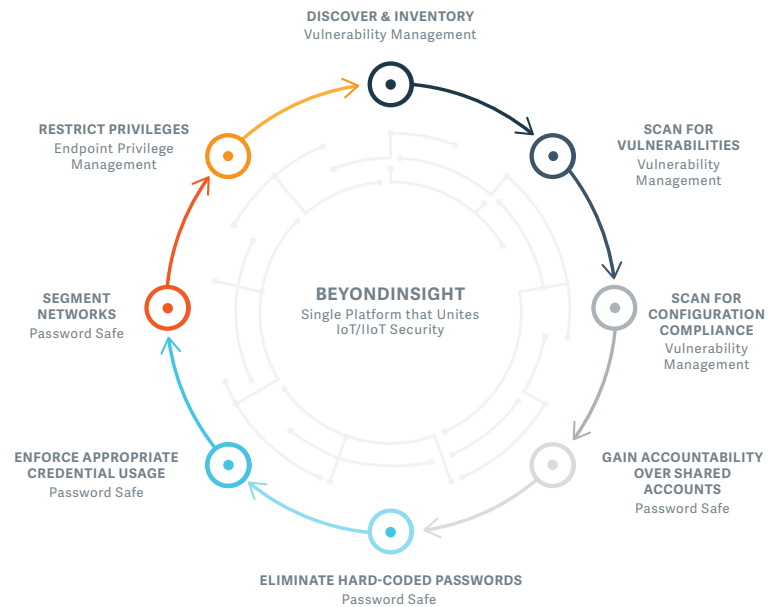
Unknown, or undermanaged, IoT devices can create significant security gaps that open up networks to security breaches, data loss, intellectual property theft, denial of service, and regulatory compliance issues. With unsecured IoT increasingly being exploited as part of widescale, catastrophic attacks, it's never been more important to proactively secure these devices.

The BeyondTrust solution for securing IoT/IIoT discovers all devices in the environment, groups devices for consistent privilege management, and scans for security vulnerabilities and privilege-related risks.

Features and Capabilities

- **Discovery & Inventory:** Perform continuous discovery and inventory of IoT devices.
- **Vulnerability Scanning:** Scan networks and IoT devices for vulnerabilities, delivering reporting to help prioritize the most impactful risks.
- **Configuration Compliance Scanning:** Perform continuous configuration and hardening baseline scanning against industry configuration guidelines and best practices from NIST, CIS, and Microsoft.
- **Shared Account Management:** Control and audit access to shared accounts. Manage and rotate credentials across the environment.
- **Elimination of Hardcoded Credentials:** Control access to scripts, files, code, embedded application credentials, and hardcoded passwords, including eliminating hardcoded passwords in IoT devices.
- **Privileged Credential Management:** Eliminate administrator privileges on end-user machines, requiring a simple workflow process for check-in and check-out, and monitoring privileged sessions.
- **Network Segmentation:** Utilize a secured jump server with multi-factor authentication, adaptive access authorization, and session monitoring for access that needs to cross trust zones. Enforce boundaries between development, test, and production systems
- **Privilege Management:** Grant only required permissions to devices. Monitor for commands that could indicate lateral movement and provide a secure audit trail for digital forensics.

BeyondTrust's Proven 8-Step Best Practices Approach to Securing IoT Devices



BeyondTrust solutions for securing IoT/IIoT devices are part of the BeyondTrust Privileged Access Management (PAM) Platform. The platform integrates a comprehensive set of PAM capabilities across on-prem, virtual, and cloud environments. BeyondTrust solutions include:

- **Privileged Password & Session Management**
- **Endpoint Privilege Management**
- **Secure Remote Access**
- **Vulnerability Management**
- **Change Auditing**

BENEFITS

- Improved security by ensuring that only properly configured, hardened, and approved devices are available and used in your environment – no shadow IT!
- Better visibility by providing continuous vulnerability assessment and remediation guidance of the infrastructure across physical IoT, virtual, and cloud environments.
- Greater accountability by ensuring that all accounts are properly managed and rotated across the environment, and that all audited activity is associated with a unique identity.
- Reduced risk by restricting developer and tester access to devices, closing backdoors to critical systems and limiting lateral movement.

BeyondTrust is the worldwide leader in Privileged Access Management, offering the most seamless approach to preventing privilege-related breaches. Our extensible platform empowers organizations to easily scale privilege security as threats evolve across endpoint, server, cloud, DevOps, and network device environments. We are trusted by 20,000 customers.

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