



Zscaler™ IoT Device Visibility at a Glance

Zscaler IoT Device Visibility Benefits

Comprehensive visibility

Provides full visibility of IoT devices, servers, and unmanaged user devices across the organization

Simplified management and improved productivity

Reduces admin overhead with a single pane of glass, continuous monitoring, and AI/ML classification of IoT devices

Reduced risk

Enables zero trust connectivity for IoT devices across the business based upon device behavior and identity

The proliferation and diversity of IoT devices, shadow devices, and unknown device behavior creates a significant blind spot for enterprises as they struggle to gain even basic visibility into the IoT devices on their network and the risks they may pose to the business. The vast majority of these devices were never designed with security in mind—they have weak encryption, are difficult to patch or update, and are unable to host traditional agents. That leaves organizations in the precarious position of being vulnerable to attack.

Securing IoT devices begins with knowing what devices are connected to your network and what those devices are doing. Unfortunately, traditional security approaches introduce obstacles that make identifying, classifying, and securing IoT devices a challenge, including:

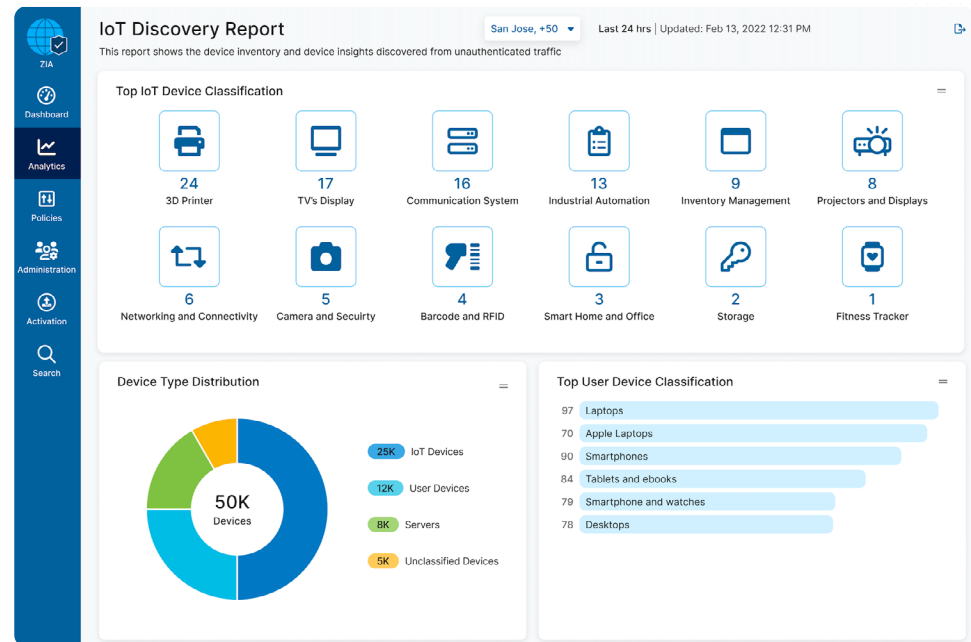
- Traditional approaches require manual and scheduled processes that can only provide a snapshot in time

- Admins must juggle between different tools gathering fragmented information in an attempt to piece together a complete view
- Active scanning techniques for device discovery often lead to service disruptions
- Alternative approaches require increasing administrative overhead to install and manage sensors to collect data passively

Zscaler IoT Device Visibility provides a complete view of all IoT devices, servers, and unmanaged user devices across your organization. Automated discovery of IoT devices, continuous monitoring, and AI/ML classification eliminate blind spots to provide a complete picture of your IoT landscape and reduce administrative burden. It enables organizations to implement IoT across the business to increase productivity and business agility with the confidence of knowing that their devices are secure.

Zscaler IoT Device Visibility Key Capabilities

- ❖ **Shadow IoT device discovery:** Analyze unauthenticated traffic and identify new or unauthorized IoT devices connected to the network
- ❖ **Always-on IoT monitoring:** Eliminate blind spots with continuous monitoring that provides real-time insight into the IoT landscape
- ❖ **AI/ML automatic classification:** Leverage AI/ML to automatically and accurately identify IoT device type based on activity and behavior, rather than using traditional approaches that require manual processes
- ❖ **Unified visibility:** Display the full context—including device classification, data consumption, apps used, and destinations visited—of IoT devices, servers, and unmanaged user devices across the business in a single pane of glass
- ❖ **Simplify management:** Improve productivity and reduce administrative burden by eliminating manual assessment, fragmented device context, and the need to deploy and manage sensors to collect data from IoT devices at every location



Enable secure IoT adoption

Zscaler IoT Device Visibility securely enables IoT adoption across your organization. As part of the world's largest cloud-delivered security platform, the Zscaler Zero Trust Exchange, Zscaler IoT Device Visibility allows organizations to reduce risk, simplify management, and increase productivity and business agility.

Visit our webpage to learn more about Zscaler IoT Device Visibility.