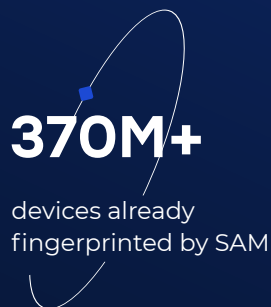




Bringing together network visibility and security for IoT devices

Every business providing a network-based solution relies on the data it holds about the network and what's connected to it. Whether your business secures a network or offers services for network devices, the more intelligence you have on the activity, the better the service you can offer.

SAM has created a tool that delivers network visibility along with IoT security insights to increase your value proposition using the most accurate, IoT-based intelligence in the market.



Introducing SAM Intelligence

Device intelligence across the network with device fingerprinting, IoT security insights, and risk scoring.

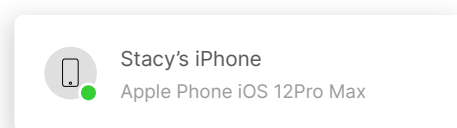
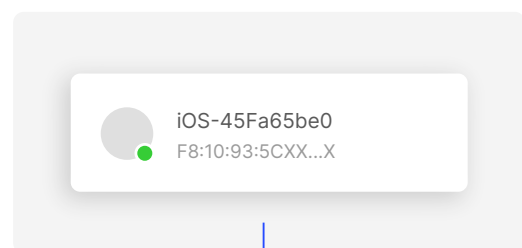
SAM Intelligence is modular in nature and tailored to your needs.



Device Fingerprinting

Access detailed insights including make, model, version, and behavior for all connected devices. Requiring MAC addresses only, SAM's device identification leverages insights from millions of IoTs to identify granular details of even the most obscure devices ensuring the highest possible visibility into your network.

- Fingerprint network connected devices in minimal time
- Easily identify new devices not previously included in your database
- Identify device vendor, class, product, model, functionalities and software versions





Risk Scoring

Based on a measured set of risk factors, our Risk Scoring tool assigns devices numbered scores in multiple categories. Leverage dozens of data points and thousands of daily events to evaluate the security of your network's devices.

- Develop security profiles for potential customers based on their existing devices and accompanying risk level
- Use the tool's findings to restrict access to certain devices
- Form a deeper understanding of your network's devices and their associated risk levels
- Obtain risk assessments of both device-level risk and network-level risk

IoT Security

Protect against the latest threats targeting IoT devices with threat identification, security policies and device analysis. Develop real-time alert systems for compromised IoT devices connected to your network, and benefit from actionable recommendations to patch vulnerabilities.

SAM's IoT Security uses behavioral profiles based on millions of fingerprinted devices to detect activities indicating security breaches at the device level. Data can be obtained through an API or a feed.

- Analyze security details including IP addresses, domains, network signatures and file signatures
- Receive real-time security alerts and actionable recommendations to resolve security gaps
- Enable third-party access to our IoT Security solution as a software development kit
- Utilize an ever-growing collection of both existing and new security policies as you grow
- Enhance cybersecurity and IT solutions with IoT device profiling and behavioral anomaly detection



API

The API-based integration utilizes SAM's Device Fingerprinting technology for IoT and non-IoT devices alike.

Analyzes data from packets of devices from traffic on SAM networks, performing data enrichment to provide you with the details necessary for making informed decisions.

SDK

Embed SAM Intelligence into third-party applications in order to enable our Device Fingerprinting technology within your network.

Provides performance-based network discovery data from all devices, with a focus on devices that are otherwise overlooked by competitors (including iPhones).

Why SAM?



Lightspeed fingerprinting using data collected upon initial network connection of each device.



Algorithms that rely on data from millions of devices constantly being monitored by SAM agent installation in leading ISP networks around the world.



SAM's backend analyzes dozens of protocols and device metadata to achieve the best matching fingerprint in a fast, reliable manner.