Rebasoft

CASE STUDY · TECHNOLOGY MANUFACTURING

A decade of network discovery and device location for a global technology company.

The global IT network team of one of the world's largest technology manufacturers deployed Rebasoft for ten years to discover its multi-vendor network and locate any device, server or phone down to the switch port, adding new use cases as its needs grew.

10
years in production

3
regional deployments: Americas, EMEA and APJ

MAC → port
servers and endpoints traced to their access switch

24 hrs
to a patched build when a critical CVE landed

THE CHALLENGE

- A very large, multi-vendor network of campuses and data centres across every region.
- Find where any device physically connects, from an office phone to a data-centre server, without agents.
- Answer new questions fast as security, compliance and operations priorities changed.

OUR APPROACH

- Rebasoft discovery running as virtual machines in each region, operated by the company's own network team.
- Agentless SNMP collection of switches, interfaces, VLANs and forwarding tables, mapping every MAC and IP address to its switch port.
- Tags and reports on top of the discovered data, so new use cases could be built without new tools.

USE CASES BUILT OUT OVER TEN YEARS

Device location
Any MAC or IP traced to its switch, port and site across its own and other vendors' switches.

Server-to-switch mapping
Data-centre servers mapped to their nearest access switch so engineers could find them physically.

Rogue device hunt
Supported an executive-sponsored security effort to find network devices that did not belong on the network.

Emergency-call location
Switch ports tagged with physical locations to support emergency-call (E911) addressing.

Advanced endpoint reporting
A new reporting feature developed with the team to meet their requirements.

Security and lifecycle
Fast patching for critical vulnerabilities, plus NetFlow, API, compliance and end-of-life tracking added to the roadmap.

The outcome: one agentless view of where every device connects across a global network, extended use case by use case over a decade.

WHY IT MATTERS FOR LARGE ENTERPRISES

Find anything, anywhere
Any device traced to its switch port, in any region.

Multi-vendor and agentless
Works across the network you already have. Nothing to install.

A long-term partner
Ten years of new use cases, built with the customer's own team.