The Security Lifecycle

Maximize Your Visibility of Unknown Threats with Keysight Solutions

Physical and virtual taps capture and forward packets to network packet brokers

Network packet brokers (NPBs) aggregate, decrypt, deduplicate, filter, and pre-process data for analysis by security tools.

Keysight visibility:
35%
Less (unnecessary) traffic sent to monitoring – improves security tool utilization, performance, and ROI

Keysight BAS:
100%
Recommendation score (Gartner)

VISIBILITY

DECRYPTION

RESILIENCE

BREACH & ATTACK

INTELLIGENCE

Vulnerability Mgmt.

Attack Surface Mgmt.

Self-healing Architecture

IAM Protective Technology

Incident Response

Mitigation

NIST
Cybersecurity Framework

Identify

Protect

Recover

Detect

Respond

Detection & Response

Risk Assessment & Mgmt.

Threat Hunting

Training / Cyber Range

Pen Testing Red/Blue Teams

Forensics

< 30%
of business and cyber leaders believe their companies are cyber resilient in 2023 (FutureCIO)

Resilient visibility starts with NPB redundancy, load balancing for n+1 survivability, and regular heartbeat messages.

1x
Decrypt traffic for multiple tools

Threat Simulator Breach and Attack Simulation (BAS) platform lets SecOps continuously assess network readiness against the latest attacks and exploits. The Recommendation Engine suggests clear fixes to issues.

100%
External bypass switches ensure High Availability, failsafe resilience for inline tools

Keysight ATI team applies:
7,000+
attacks
41,000+
malware techniques

95%
web traffic tracked by Google is encrypted

$4.4M
Average cost of a data breach in 2022 (IBM)

AppStack detects and filters known and unknown applications (static, dynamic or even customized apps) based on signature, browser, OS, IP address, and geolocation information.

>$10T
cybercrime will be worth by 2025 (Cybercrime Magazine)

KEYSIGHT