

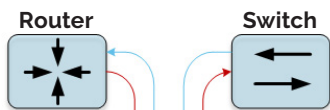
# NETWORK DETECTION AND RESPONSE

## TRAFFIC MONITORING, INTRUSION DETECTION AND ANALYTICS

The world's highest rate network visibility platform provides complete visibility on communications and data backbones to strengthen cyber posture and unlock data for operations, compliance, fraud, network efficiency and risk control.

### NETWORK TRAFFIC VISIBILITY

The 400G FlowProbe integrates with network TAPS to passively monitor traffic and provide unsampled flow records at line rates up to 400Gbps in a single 1U appliance. Readily scalable to support Tbps networks, flow records support traffic monitoring, cyber forensics and analysis platforms.



Monitoring networks from the TAP/SPAN port enables full duplex packet capture at line rate with zero loss



The 400G FlowProbe and 100G CERNE passively monitor TAP/SPAN ports, providing line rate monitoring and IDS capabilities for multi-Tbps networks

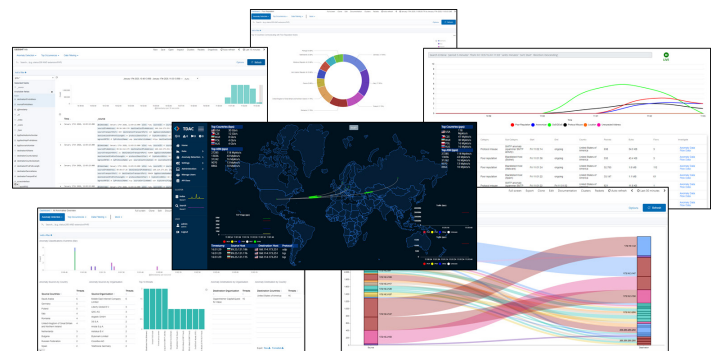


### NETWORK THREAT DETECTION

Integrating with network TAPS, the 100G CERNE Intrusion Detection System passively monitors and alerts SOC teams to malicious traffic, reviewing every single flow in a 100Gbps line rate against a list of up to 100,000 rulesets. This 1U appliance scales rapidly, detecting threats in multi-Tbps networks.

### NETWORK ANALYTICS

High rate networks produce a lot of data. The Telesoft Data Analytics Capability (TDAC) is a scalable data lake and analytics platform, retaining petabytes worth of data for up to 12 months, supporting threat hunting and digital forensics teams with the tools and the data they require.



#### HEADQUARTERS

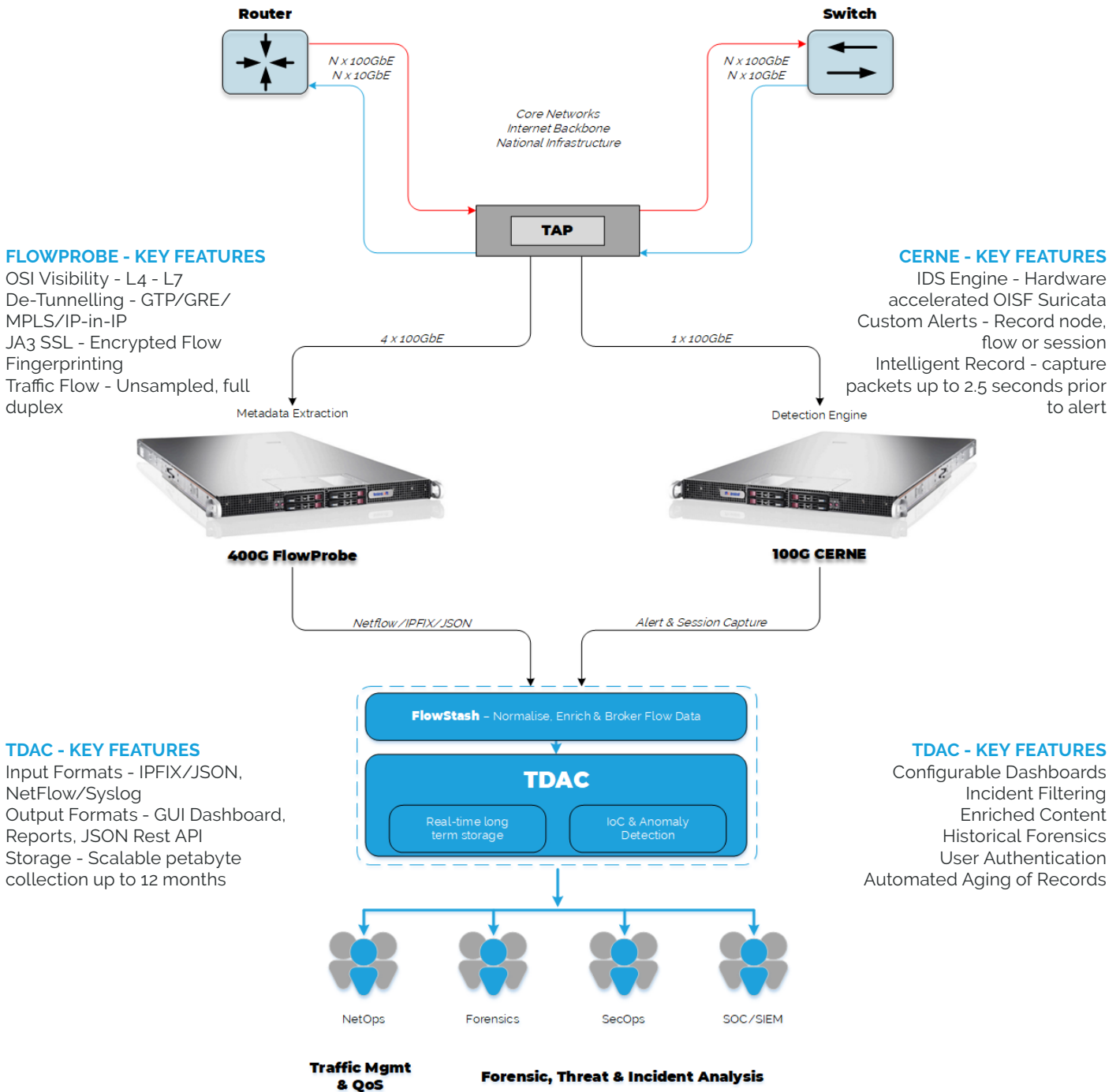
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**FLOWPROBE - KEY FEATURES**

OSI Visibility - L4 - L7  
 De-Tunnelling - GTP/GRE/  
 MPLS/IP-in-IP  
 JA3 SSL - Encrypted Flow  
 Fingerprinting  
 Traffic Flow - Unsampled, full  
 duplex

**CERNE - KEY FEATURES**

IDS Engine - Hardware  
 accelerated OISF Suricata  
 Custom Alerts - Record node,  
 flow or session  
 Intelligent Record - capture  
 packets up to 2.5 seconds prior  
 to alert

**TDAC - KEY FEATURES**

Input Formats - IPFIX/JSON,  
 NetFlow/Syslog  
 Output Formats - GUI Dashboard,  
 Reports, JSON Rest API  
 Storage - Scalable petabyte  
 collection up to 12 months

**TDAC - KEY FEATURES**

Configurable Dashboards  
 Incident Filtering  
 Enriched Content  
 Historical Forensics  
 User Authentication  
 Automated Aging of Records

	Rack Size	FPGA	CPU	Storage	Power Consumption
<b>FlowProbe</b>	1U	Intel Stratix 10	Intel Xeon Gold	2 x 960Gb NVMe SSD	400W Ave/550W Peak
<b>CERNE</b>	1U	Intel Stratix 10	Intel Xeon Gold	2 x 960Gb NVMe SSD 2 x 4Tb SSD	300W Ave/400W Peak
<b>TDAC</b>	5U	N/A	Intel Xeon Gold Skylake	HOT - 20Tb WARM - 160Tb No Data Node - 960Gb	1000W Ave / 4350W Peak



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