

# Viavi Observer® Battlecard

## Network Security Forensics

### Safeguard Critical Company Assets

*Information is the lifeblood of the enterprise. Credit card transactions, employee data, sensitive company memos, and trade secrets that give a business its competitive edge are often flowing freely through the network infrastructure—tempting hackers.*

### Identify and Remediate with Post-Event Assurance

Recent high-profile attacks have underscored the need for more robust security strategies, specifically an effective enterprise-level forensics solution. Successful network security forensics and breach investigation includes post-event access to all the packets traversing the network.

The Observer Platform helps ensure that every packet is captured and available for post-event investigations. Breaches and compromised resources can be quickly identified by replaying traffic and applying extensive analytics to the packets. Possessing these capabilities can be the difference between missing the breach entirely and effectively identifying an attacker.



### Viavi Observer Benefits

- Review and reconstruct all activities surrounding an attack
- Assess full context of an event with both network and security analytics
- Confirm that cleanup is effective and ensure future enterprise integrity
- Efficiently share team resources, tools, and evidence for investigations
- Validate security strategy effectiveness and intellectual property (IP) security

### Viavi Observer GigaStor Benefits

- Provides back-in-time analysis to facilitate successful cooperation between network and security teams to assist in investigating, remediating, and augmenting defenses to prevent sophisticated threats
- Maximizes IT resources and personnel
- Allows for more effective spend of security dollars by providing insight into existing vulnerabilities
- Confirms details of attack and identifies what IP has been compromised – including customer data

### Customer Pain Points

- Obtaining the evidence to investigate an attack
- Correlating security issues and network performance
- Validating attack has been successfully remediated
- Helping overwhelmed IT personnel in dealing with threats
- Protecting company IP from hackers
- Ensuring compliance with regulations and governance

## Viavi Observer® At-A-Glance

**Observer Apex** – Enterprise-Wide Performance Management

**Observer Analyzer** – The Industry's Most Powerful Analytics

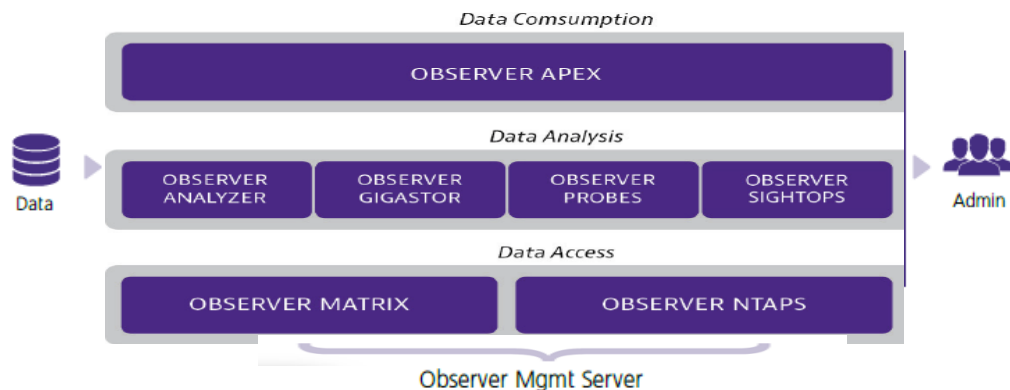
**Observer GigaStor** – Capture and Back-in-Time Analysis

**Observer Management Server** – Access and Authentication

**Observer Matrix** – Traffic Aggregation and Load Balancing

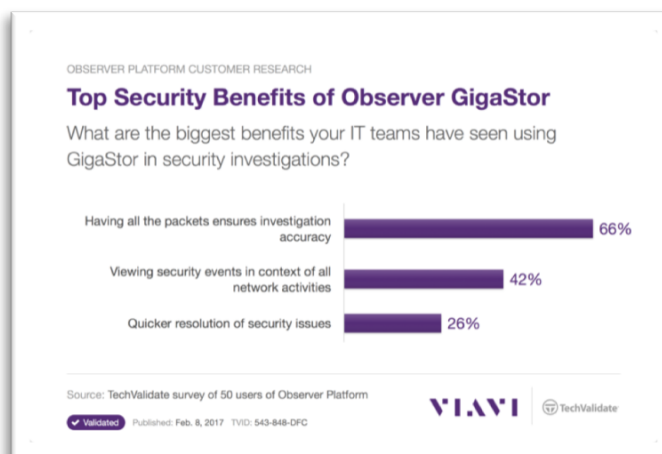
**Observer nTAPs** – Data Access with Ease and Speed

**Observer SightOps** – Seamless Cloud and Hybrid IT Visibility



### Security Forensics: Observer GigaStor Benefits

- Highest capture speeds ensure all packets are available for complete security analysis
- Integration with hardware security modules (HSM) provides centralized handling of SSL keys and secure decryption for investigations
- On-the-fly AES 256 encryption ensures all evidence is secured without affecting appliance performance
- Form factors scale to provide over a petabyte of wire-data capture, storage, and analysis



For additional resources about Viavi Observer and Viavi Observer GigaStor, go to:

<http://www.viavisolutions.com/en-us/solutions/enterprise/network-security-forensics>

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