



Increase Cyber Resiliency Through Complete Visibility

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- 30 Years IT Operations, Sales & Marketing
- 20 Years, Cybersecurity & IT Compliance
- 20 Years servicing Financial Institutions
- ISACA, ISSA, InfraGard, AFT

It's a scary world...

"Cybercrime Up 600% Due To COVID-19 Pandemic"

"34% of businesses hit with malware took a week or more to regain access to their data."

"7 out of every 10 malware payloads were ransomware"

"98% of cyber attacks rely on social engineering"

"90% of financial institutions reported being targeted by malware"

"Ransomware attacks are estimated to cost \$6 trillion annually by 2021"

"92% of malware is delivered by email"

"Over 18 million websites are infected with malware at a given time each week."

"The total malware infections have been on the rise for the last ten years"

The 3 S's of Cyber Defense

SIEM

Security Information & Event Management

SOAR

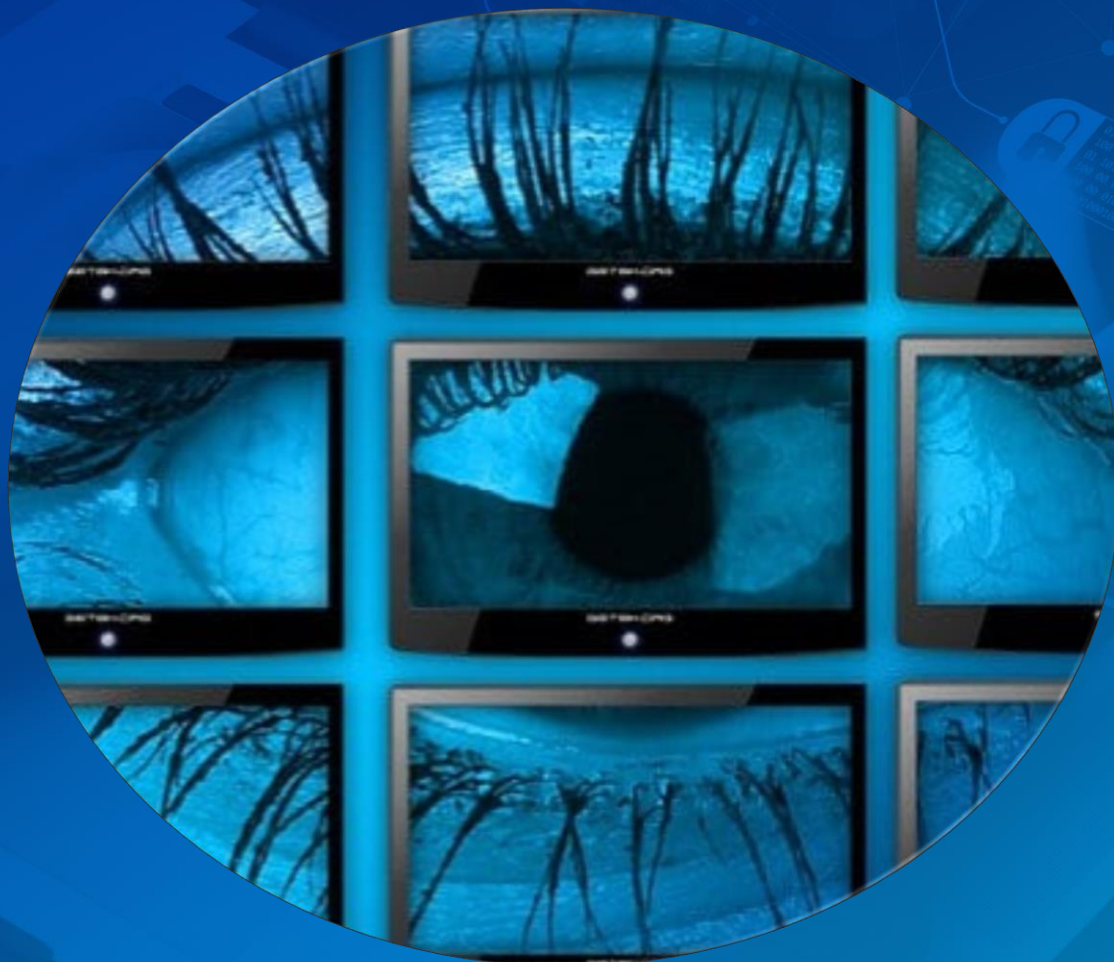
Security Orchestration Automation & Response

SOC

Security Operations Center



What is the difference with Next Gen SIEM (NG SIEM)?



- Leverage NoSQL db's (not only SQL)
- Asset and infrastructure awareness
- Apply context to security
- Machine Learning (ML)
 - Cluster like events together and identify anomalies from learned behavior

What is the difference with NG SIEM?



- Timeline generation of related events
- Use Incident Response playbooks to perform automated responses to known threats
- Push response actions to devices like firewalls or IPSs



“AI solutions for the Cybersecurity market is projected to reach USD 38.2 billion by 2026 from USD 8.8 billion in 2019”

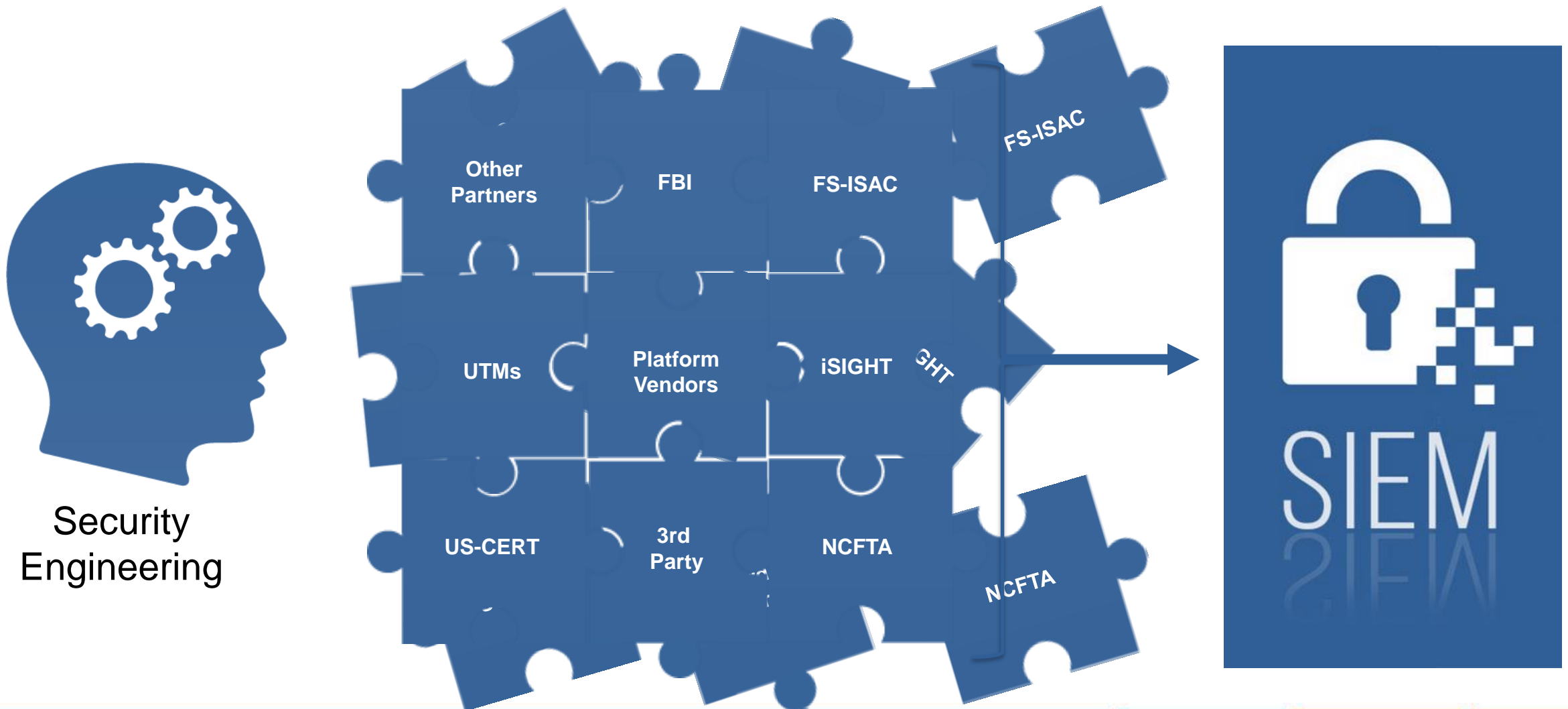
Source: MarketsandMarkets

Threat Intel

Threat intelligence is a component of security intelligence and includes both the information relevant to protecting an institution from external and inside threats as well as the processes, policies and tools designed to gather and analyze that information.



Applied Threat Intelligence



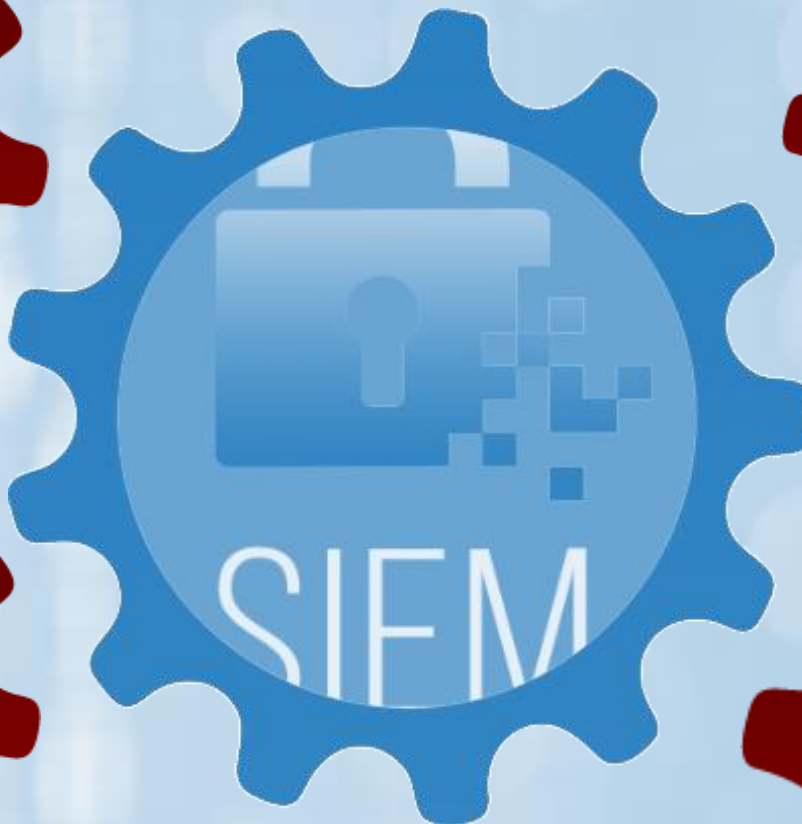


CMDB - SIEM **(Configuration Management Database)**

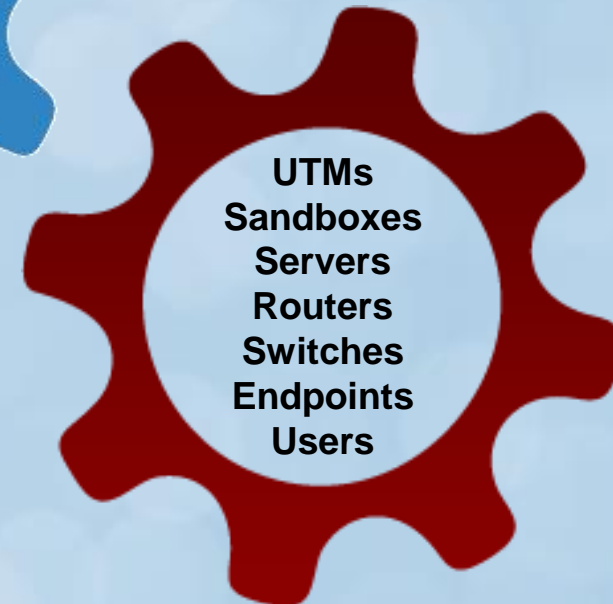
- Discover network assets dynamically
- Prioritizing threats by assets
- Alert on configuration changes
- Prioritizing threats by users



Security
Engineering
Configuration
Mgmt.



**SIEM/SOAR
INPUT**





24/7 SOC



**SIEM/SOAR
OUTPUT**

User & Entity Behavioral Analytics (UEBA)

1

SIEM profiles activity
Who | Where | How Many



Eg. User regularly logs on Mon -
Fri 8am - 6pm

2

Behaviour compared
against profile using
probability distribution



Eg. User suddenly logs in Sunday
at 8pm

3

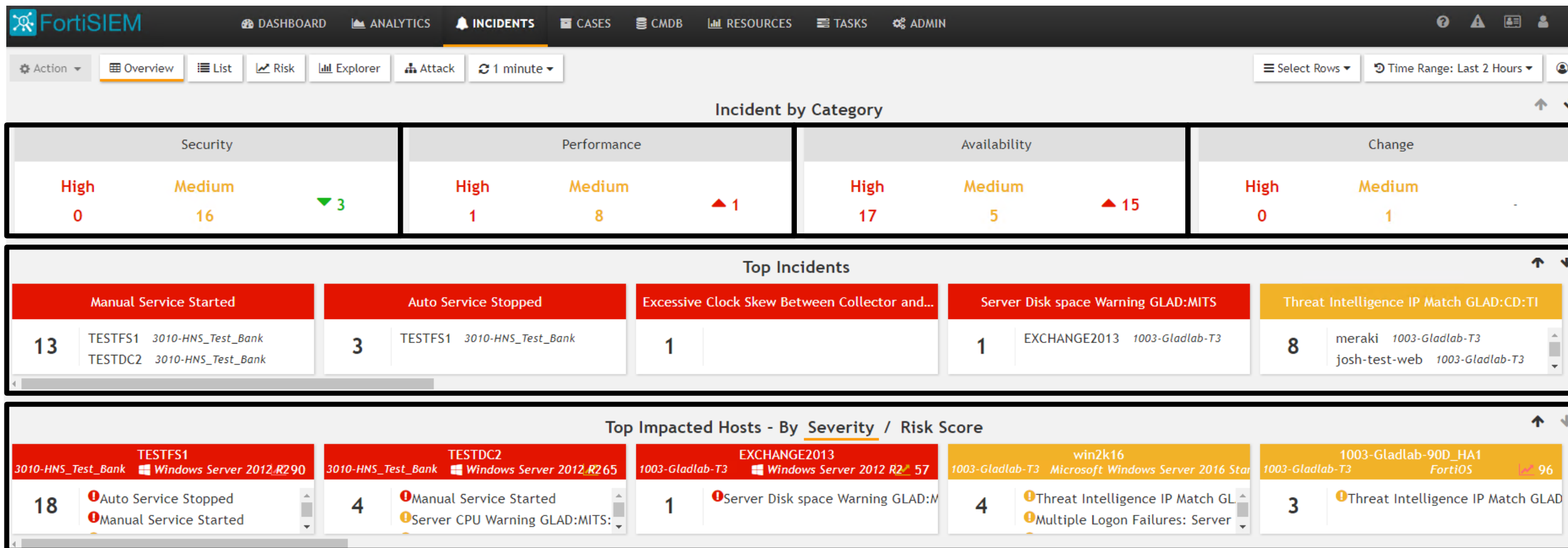
UEBA alerts are triggered
when behaviour deviates
from profile



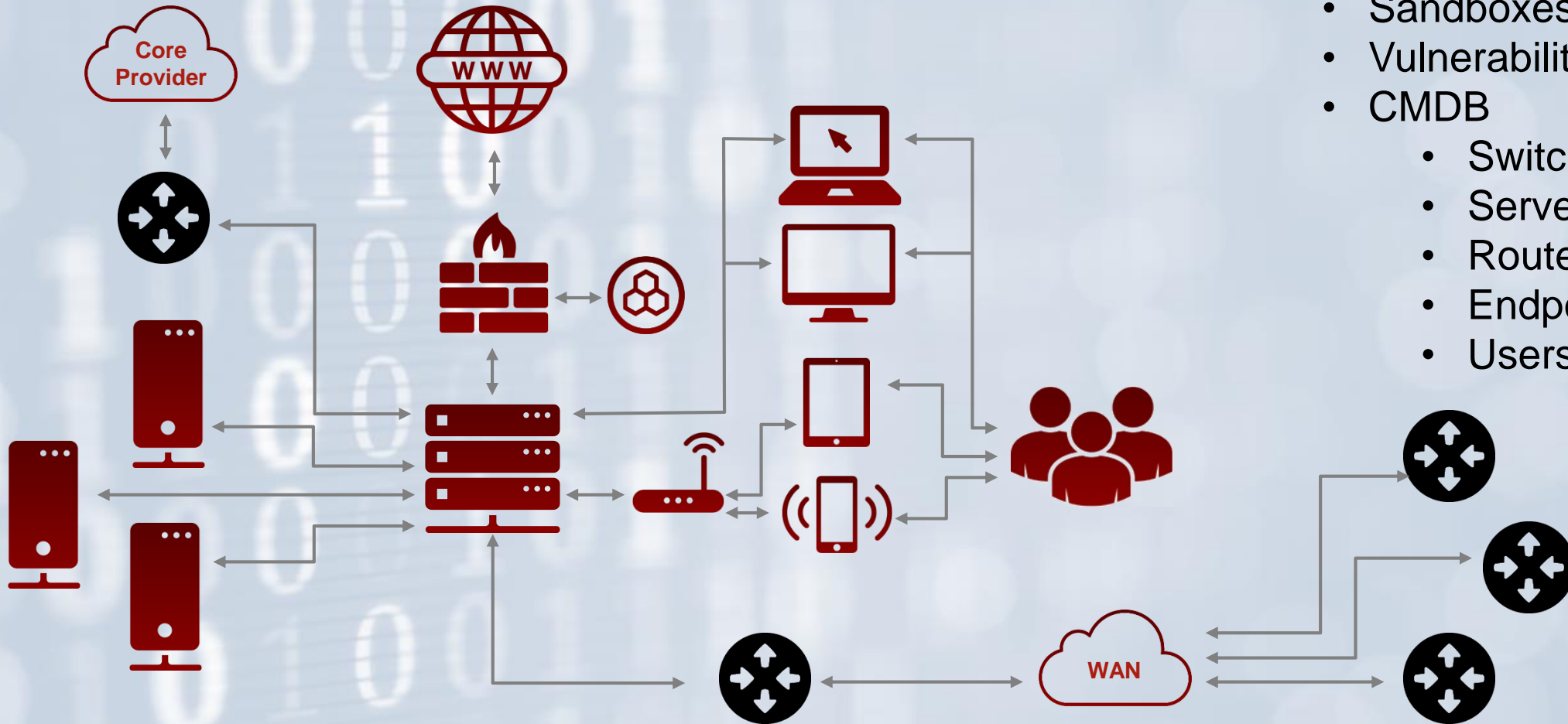
UEBA alert !

- Advanced Behavioral Analytics Detects User Login Anomalies

Actionable Data Presented to SOC



Achieve Total Visibility



NG SIEM/SOAR:

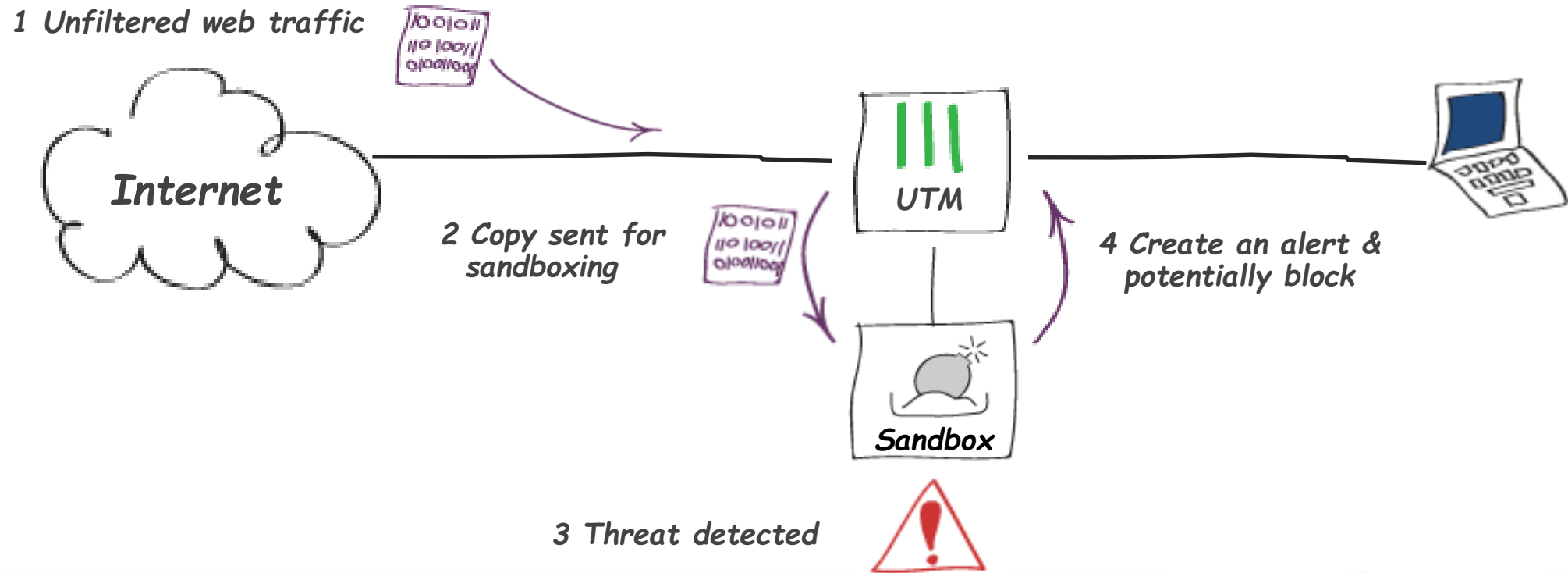
- Threat Intelligence
- DNS Monitoring Data
- UTMs
- Sandboxes
- Vulnerability Scan Data
- CMDB
 - Switches
 - Servers
 - Routers
 - Endpoints
 - Users

**What else can we do to
increase Cyber Resiliency?**



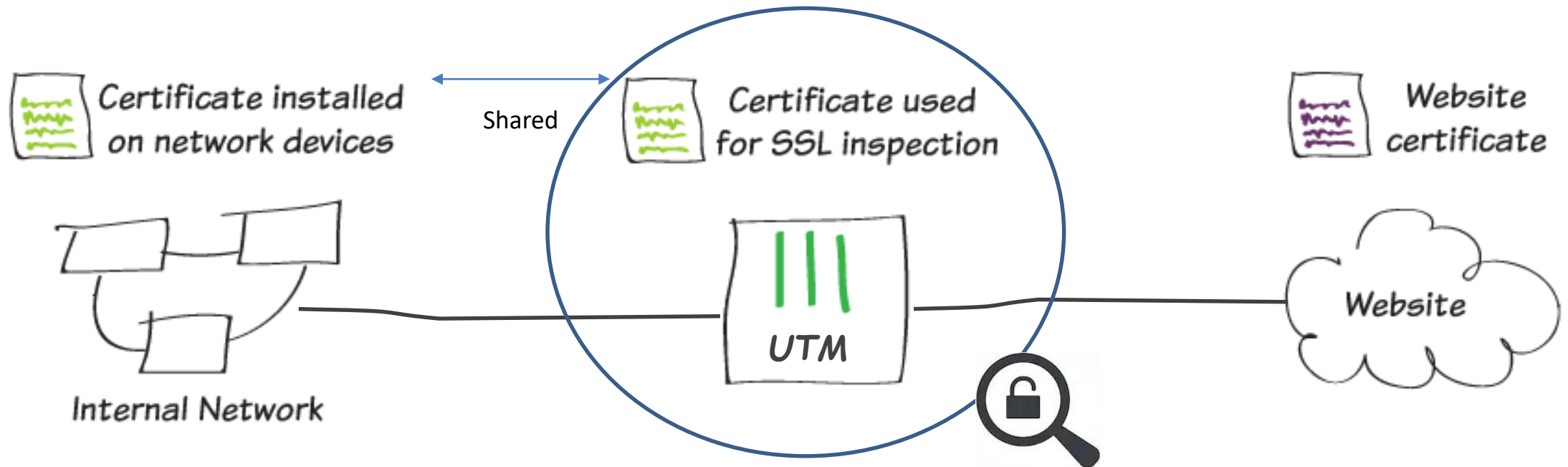
Sandbox

- Early Breach Detection
- Detects unknown threats



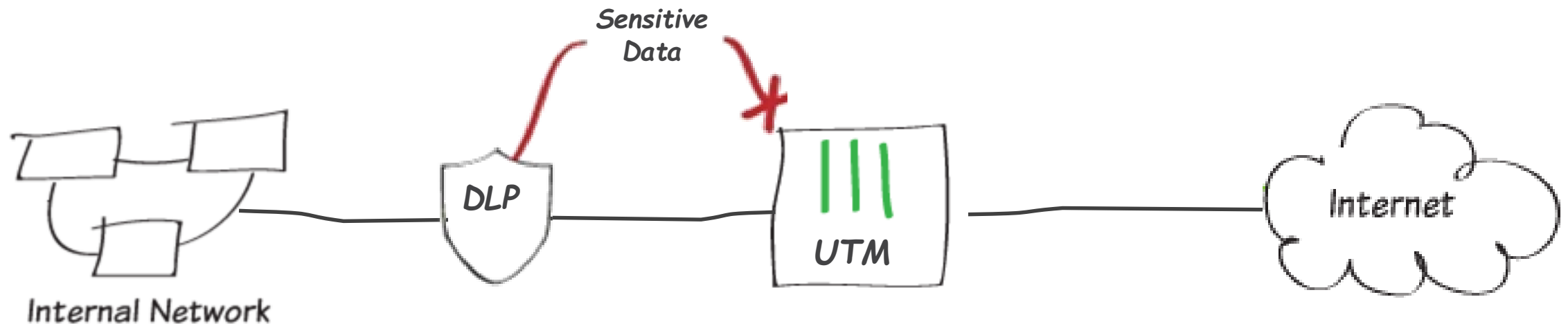
Encrypted Web Browsing

- 75% of web traffic is encrypted
- Encrypted data cannot be inspected
- SSL – DPI (Secure Socket Layer – Deep Packet Inspection)



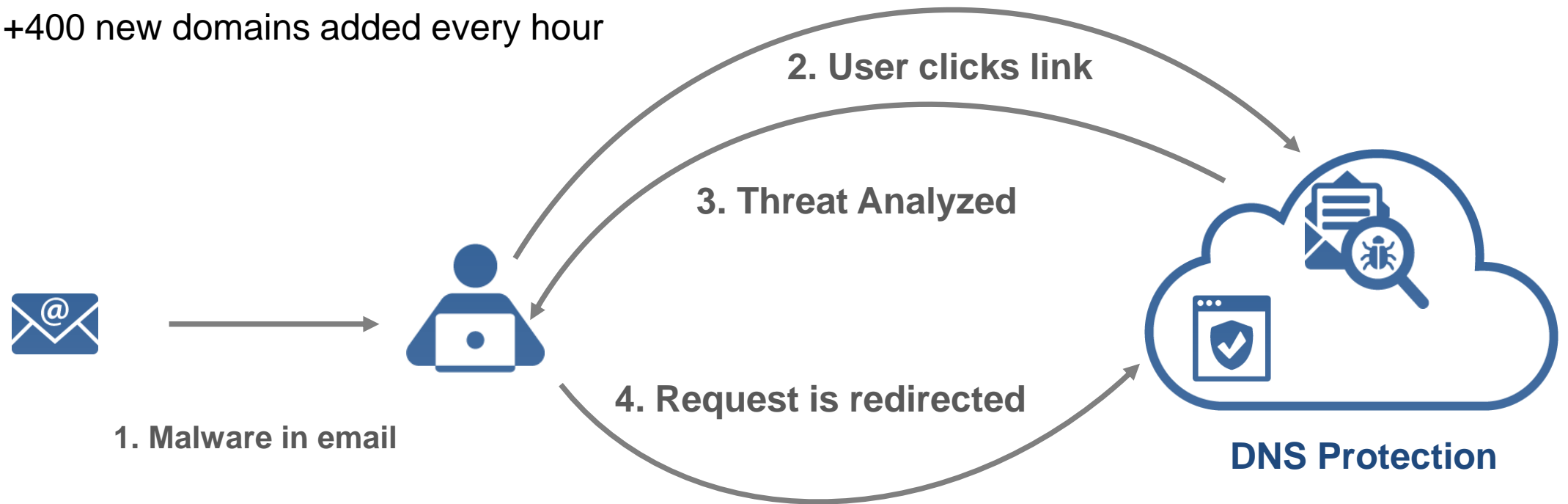
Data Leak Prevention (DLP)

- Keep files containing sensitive information from leaving your network
- Data Leak Prevention (DLP) security profile
- Retain Windows executable (.exe) files and files matching a specific file name pattern



DNS Protection

- Block access to websites with known malicious code
 - +1.3 Million malicious domain entries
- Detect & block newly observed domains
 - +400 new domains added every hour



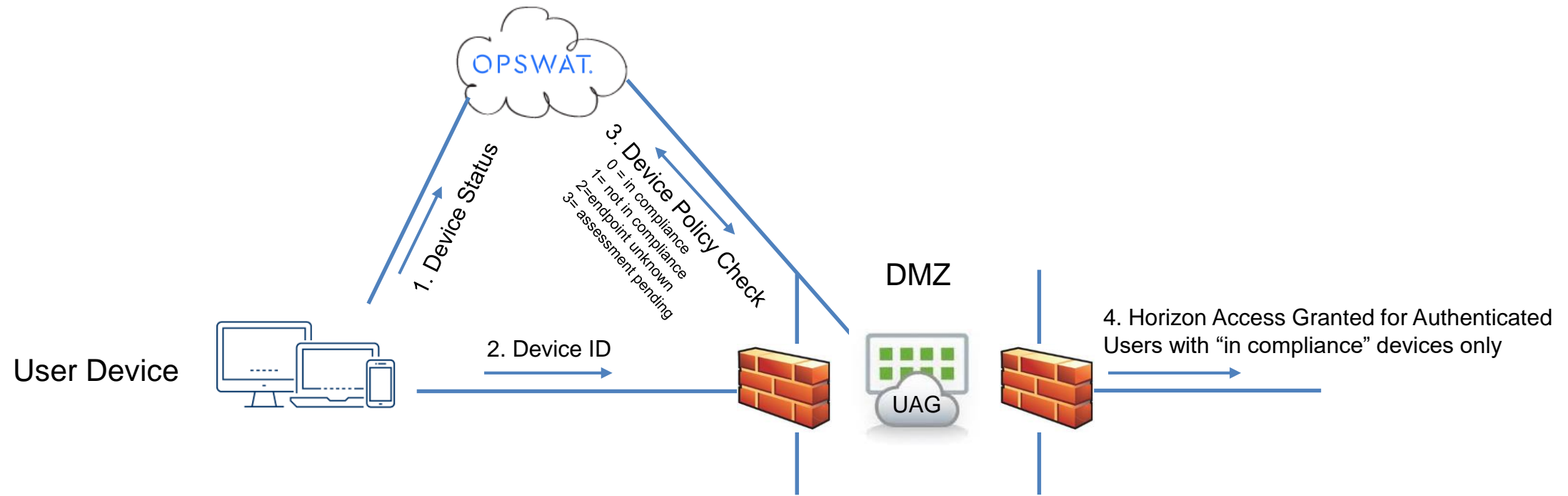
Securing Email with M365 E3 & E5

- Microsoft Threat Protection
 - Supports MFA
 - Windows Defender Antivirus
 - Part of MS Defender ATP
 - Encrypted Email
 - Data Loss Prevention (SSN, CC, Acct, etc.)
 - Mobile Device Management – basic included
 - Intune add-on
 - Advanced Threat Protection (AV-SPAM)
 - Sensitivity Labels
 - "Do not forward" & "Do not copy"
- NG-SIEM integration



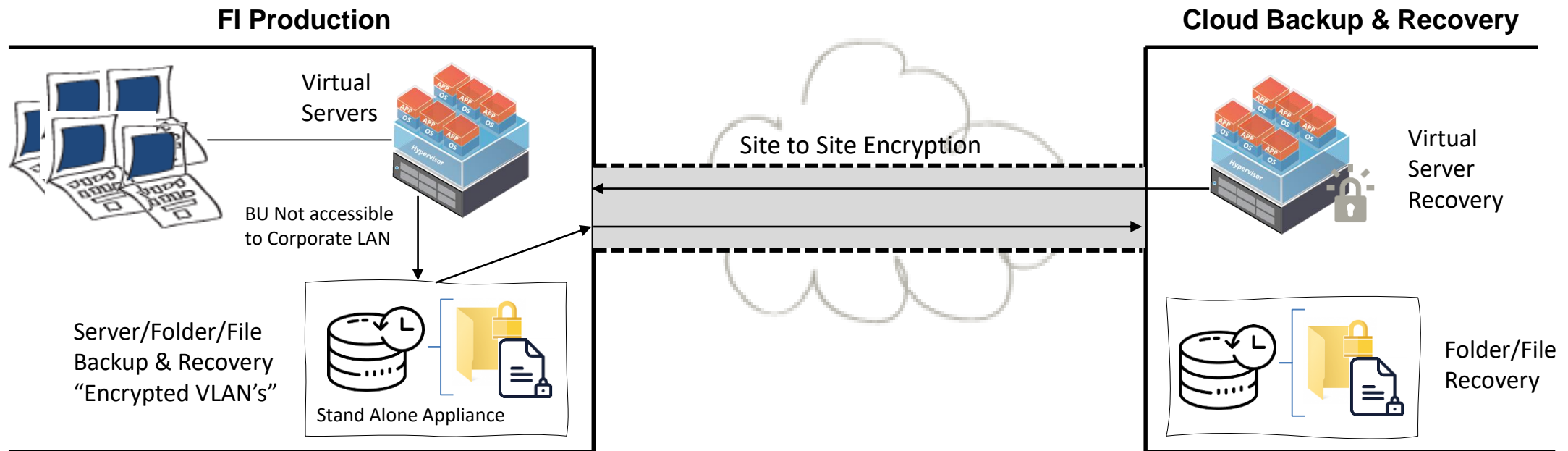
Remote User Access Control with VMware

- Ensure compliance with remote users connecting from personal devices
- VMware Unified Access Gateway
- Endpoint Compliance Check



Air Gapped Backup & Recovery

- Protect data from ransomware
- Air gapped from FI's network
- Granular folder/file restoration
- Virtual server recovery



Resource Center for FI's

profitstars.com/cybersavvy

- Blogs
- Whitepapers
- Webinars
- Published articles
- Cybersecurity Forums

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Secure Your Institution

Taking steps to remain vigilant and to facilitate a more secure online workplace.

[LEARN MORE](#)

Cybersecurity Resources to Help Secure Your Institution and Protect Account Holders

Today, the separation between our online and offline lives continues to blur. To stay ahead in the battle for cybersecurity, it is critical to take steps to remain vigilant and help facilitate a

BLOGS

- Unleashing the Power of GRC**
New insights from FinTalk, featuring Viviana Campesano, Gladiator.
- Your Brand and Your Data are on the Line After a Cyber Attack**
BankBeat's Jim Murez interviews Allen Eaves from Gladiator.
- How Community Banks Can Avoid Being Targets for Cyber Crooks**
By Howard Allen, BAI, and featuring Sebastian Fazzino from Gladiator.
- COVID-19: What are Fraudsters and Money-Launderers Doing in the New Norm?**
New from FinTalk, featuring Rene Perez, JHA.

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ARTICLE

- Community Institutions' Continuity Working D-19**
By Tom Williams, JHA.
- Cybersecurity: An Essential Competency for Credit Unions**
CU Times article featuring Roy Unico interviewing Allen Eaves, Gladiator.

[READ ARTICLE](#)

WEBINARS

- Crisis Accentuates Need for Proactive Data Security**
CU Times article featuring Roy Unico interviewing Allen Eaves, Gladiator.
- Ransomware Is Alive and Well: 6 Questions You Need to Ask About Your Data Recovery Plans**
By Eric Flick, Centurion (from FinTalk).
- Web Application Cybersecurity: Not Just for Audits Anymore**
By Robert Hudecek, JHA (from FinTalk).
- Remote User VPN Access – How to Manage Through the Pandemic**
Join us for this 30-minute, complimentary, on-demand webinar.

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Gladiator™



- **TotalProtect Suite**

- Complete suite of cybersecurity services
- New advanced SIEM / SOAR Platform
- Enhanced Threat Intel Platform, built solely for FI's
- Complete UTM Management & Monitoring
- SIEM Monitoring, Alerting & Reporting
- DNS Protection
- Enterprise Vulnerability Scanning
- OS and Application Patching
- Endpoint Security Management
- Data Backup and Recovery

- **The Power of Next-Gen SIEM and SOAR, Part 1 & 2**

<https://discover.profitstars.com/cyber-security/business-resources>



Thank You!