CIS Cybersecurity Services

Enhancing Your Defense-in-Depth Cybersecurity Program

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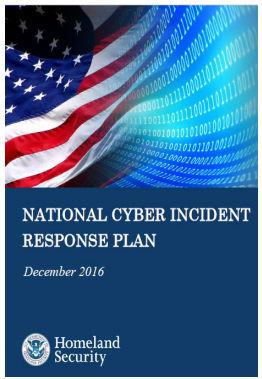
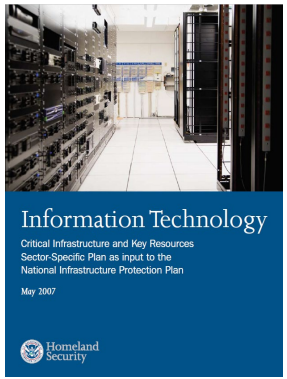
Center for Internet Security

Nonprofit leading the global community to secure our connected world





Home of the MS-ISAC and EI-ISAC.

CIS Center for Internet Security®

Security Operations Center

MS-ISAC® EI-ISAC®

Benefits

MS-ISAC Membership

No Cost Benefits

→ 24×7×365 Security Operations Center (SOC)
→ Passive IP & Domain Monitoring
→ Malicious Domain Blocking & Reporting (MDBR)
→ Cybersecurity exercises
→ Cybersecurity advisories
→ Cyber event notifications
→ Education and awareness materials
→ CIS SecureSuite® Membership
→ Incident response resources
→ Malicious Code Analysis Platform (MCAP)
→ Monthly newsletters, webinars and threat briefings
→ Homeland Security Information Network (HSIN)
access, including portals for communication and document sharing
→ Deloitte Cyber Detect Cyber Respond Portal
→ Nationwide Cybersecurity Review (NCSR)
→ Discounts on training
→ Vulnerability assessment services

https://learn.cisecurity.org/ms-isac-registration

CIS Endpoint Security Services (ESS)

Device-Level Protection and Response

FALCON
PREVENT

FALCON
DISCOVER

FALCON
DEVICE CONTROL

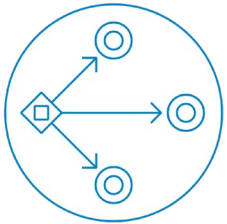
FALCON
INSIGHT

FALCON
FIREWALL MANAGEMENT

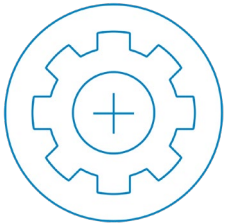
CIS Endpoint Security Services Features

Monitor, manage, respond, and prevent

Next Generation Antivirus (NGAV)

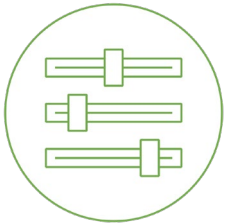


Endpoint Detection and Response (EDR)



Advanced Capabilities

Fully Managed Solution



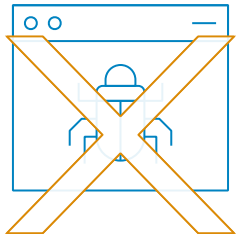
Customizable Device Control

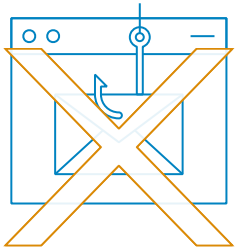
Alignment with Industry Standards

Next Generation Antivirus (NGAV)

Falcon Prevent

- **Active defense against ransomware; encrypted/unencrypted malicious traffic**
- **Stops attacks in their tracks upon detection**
  - Blocks malicious activity and can kill processes or quarantine files
- **Cloud integrated endpoint protection**
- **Signature and behavioral malware protection**
  - Identify both known and unknown threats (Zero Day protection)
- **Threat intel and threat indicators – Indicators of compromise**



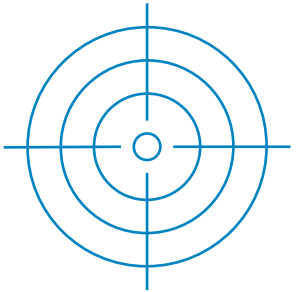


Endpoint Detection & Response (EDR)

Falcon Insight with ThreatGraph

Capturing endpoint activity for threat detection and escalation

Custom detection rules



Threat hunting

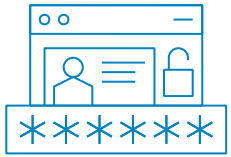
Secure remote system access while Quarantined

Advanced Capabilities

Falcon Discover

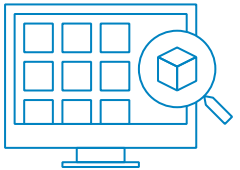
Asset inventory

- Monitor assets to achieve, maintain, and prove compliance
- Pinpoint rogue devices



User account monitoring

- Track user account activity and unusual behavior
- Monitor administrator credential use
- Assess password update policy



Application inventory

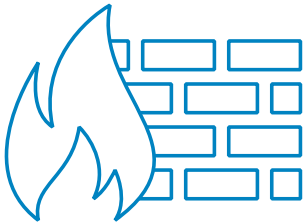
- Search for any and all deployed applications
- Find specific versions
- Identify unauthorized or suspicious software

** Requested through the SOC **

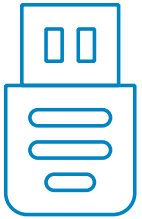
Customizable Device Control

Falcon Device Control and Falcon Firewall Management

Access to Management Portal



Host-based Firewall Control



USB Device Control

Protection On and Off Network

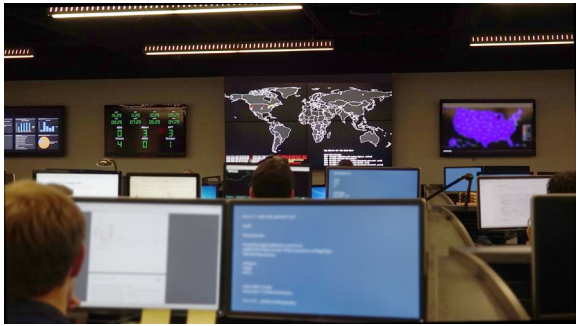
Endpoint-level protection for today's hybrid and remote work models

Defend employees and devices no matter the location.

Albert Network Monitoring & Management

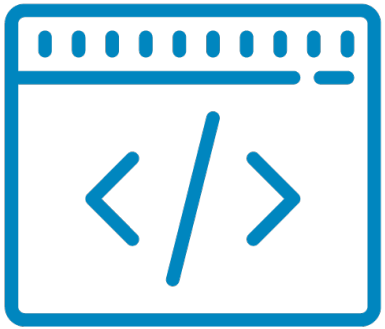
Available to state, local, tribal, and territorial governments and election agencies

- **Cost-effective Intrusion Detection System (IDS)**
  - Turnkey solution incorporating 24x7x365 monitoring and management
- **Identifies malicious or potentially harmful network activity**
  - Based on an average of 32,000+ signatures
  - Signatures updated twice daily



Signatures and Indicators of Compromise

Three unique and targeted signature sources



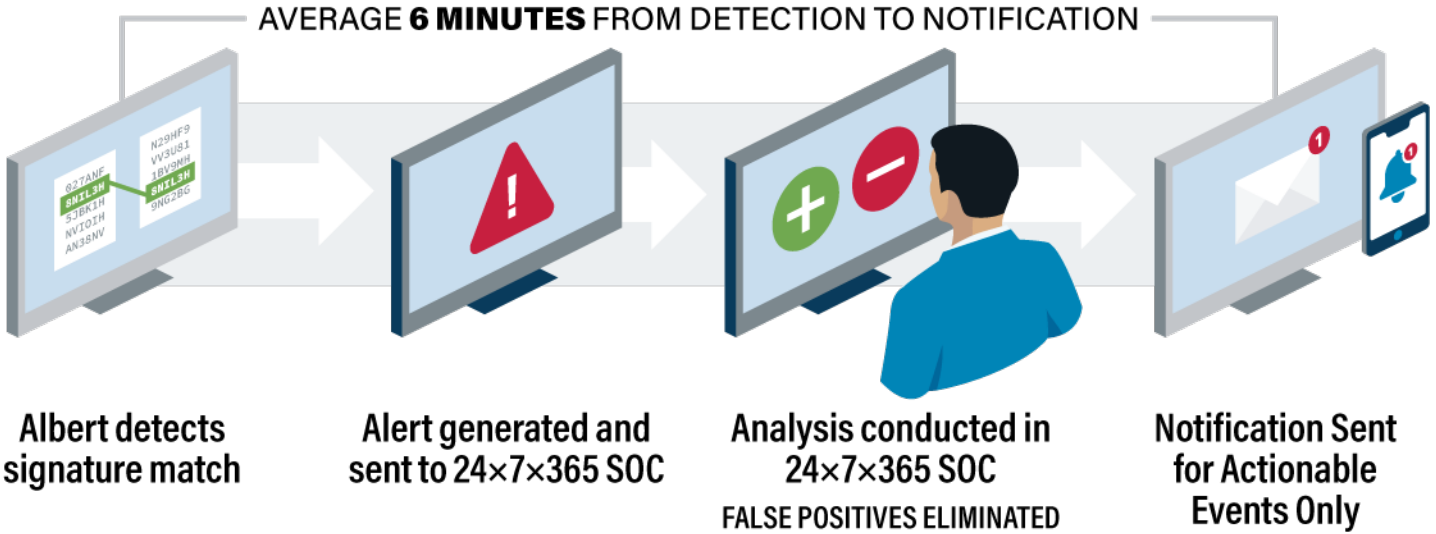
Commercial signatures

CIS research
Threat data analysis
Incident response cases

Recently declassified signatures

Albert Detection and Monitoring

Analyst review



Reporting Sample – Executive Summary

[Agency Acronym] Executive Summary

The following executive level summary provides an overview of actionable security events and monitored devices for [Agency Name] for the month of December 2017.

Events

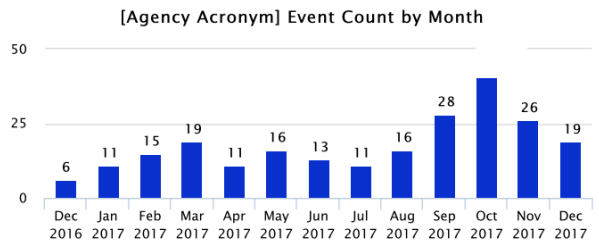
The arrows represent the change in event counts from the previous month.

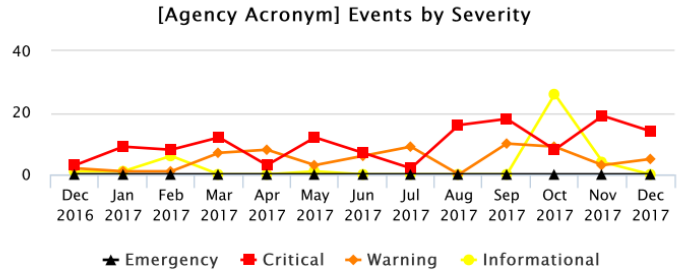
Emergency	Critical	Warning	Informational
0 ⟷	14 ↓	5 ↑	0 ↓

Top Event Categories

Category	December	2017 YTD
Trojan Activity	14	176
Unusual Network Activity	5	42

Events by Month





Devices

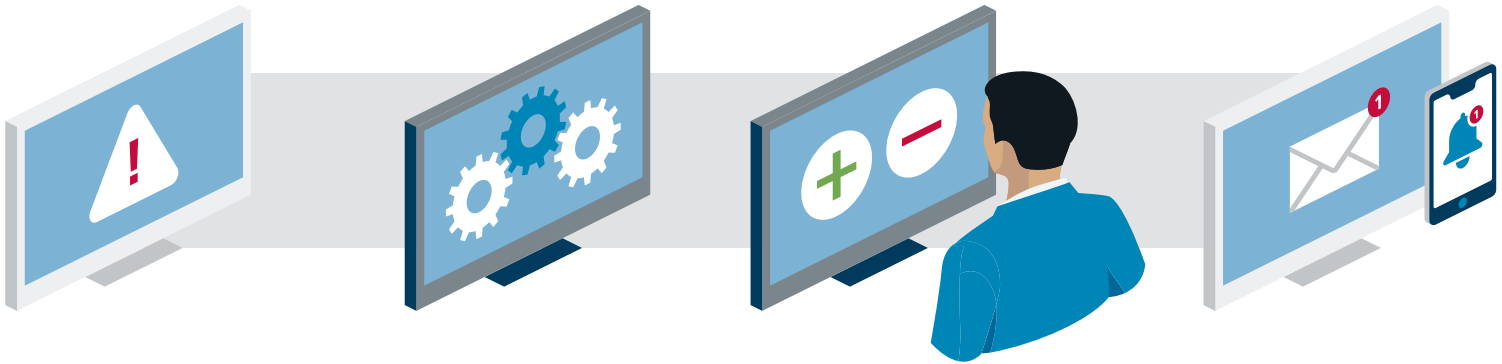
The arrow for Albert Netflow represents a change of 25% or more from the previous three month average.

Devices	Albert Netflow
2 ⟷	870.0 TB ⟷

Managed Security Services

Log and security event monitoring of existing devices

- **Monitoring including, but not limited to**
  - IDS, IPS, firewalls, switches & routers, servers, endpoints, and web proxies.



ESS/Albert/MSS Monitoring and Management

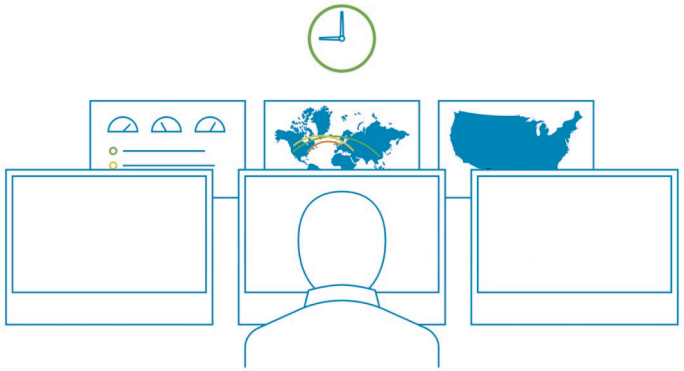
24x7x365 Security Operations Center

Support

Analysis & Monitoring

Reporting

24x7x365



- **SOC analysts become an extension of your security team**
- **Expert human analysis of malicious activity**
  - Industry-leading response times
  - Specific experience with the challenges faced by SLTTs
- **SLTT-focused threat database**
- **3 Letter Agencies; Federal Partners**
- **CISA (Federal SOC)**

Phishing Engagements

Enhance cyber defenses with education and awareness

- **Most common and successful technique used by cybercriminals**
- **Assess vulnerability to phishing attacks**
  - Highly customizable and specially-crafted emails
- **Detailed report**
  - How susceptible
  - Likelihood of successful intrusion
  - Attack method
- **CIS Phishing Engagements in Action**
  - 69% of new-hire targets susceptible to open and click
  - 62% of new-hires submitted credentials to spoofed login form

Vulnerability Assessment: Network and Web App

Cost-effective solution to understand and improve overall security posture

- **Identify critical system weaknesses**
  - Help organization prioritize remediation steps
  - Offer customized reporting features
  - Manually verify assessment results
  - Assist in meeting PCI DSS, HIPAA, and others
- **Assessments include**
  - Network discovery and mapping
  - Asset prioritization
  - Reporting
  - Remediation tracking

Pen Testing: Web App, Internal/External Network

Clear assessment of cybersecurity policies, processes, and defenses

- **Simulate a real-world cyber-attack**
  - Experts attempt to exploit vulnerabilities
  - Determine likelihood and potential scope of cyber-attack
- **Provides a safe review of an organization's security posture**
- **Findings delivered in detailed report**
  - How vulnerability was discovered
  - Potential impact
  - Recommendations
  - Vulnerability references

CIRT Roles and Responsibilities

Incident Response and Computer Forensic Examinations

The MS-ISAC provides cyber incident response services free of cost to State, Local, Tribal, and Territorial (SLTT) organizations. These services are provided by our Cyber Incident Response Team (CIRT), a team of highly knowledgeable and skilled analysts trained in digital forensics and incident response. Services include:

- Emergency conference calls
- Log analysis
- Ongoing communication throughout the incident
- Mitigation recommendations (Attended Remediation)
- Computer forensic analysis of forensic images to determine root cause analysis as needed in support of an ongoing incident response case
- At the close of the incident, written communication will be provided that summarizes the incident.
- In every incident, CIRT exerts a concerted effort to provide a personal level of service to SLTT organizations, seeking to engage with customers based on their organizational needs and circumstances.

Questions?

Thank You!

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Pricing

Fully managed, premium endpoint security solution as a service

Standard Pricing	
Yearly	**Monthly**
$60/endpoint	$5/endpoint

Contact services@cisecurity.org to get started

Albert Pricing

Albert Tiers based on Daily Average Network Utilization

- **One time initiation fee of $900 applies (per sensor)**

Albert Hardware Included

- Up to 100 Mbps - $13,080/Annually - $36 a day
- >100 Mbps - 1 Gbps - $16,200/Annually - $44 a day
- 1 Gbps – 6Gbps - $28,800/Annually - $79 a day
- Over 6Gbps – Custom Pricing.

- **Hardware provided by CIS**

Albert Member Provided Hardware

- Up to 100 Mbps - $10,680/Annually - $30 a day
- >100 Mbps - 1 Gbps - $13,800/Annually - $38 a day
- >1 Gbps – 6Gbps - $25,200/Annually - $70 a day
- Over 6Gbps – Custom Pricing.

- **Hardware (Obtained by entity)**
- **Albert can be deployed using a VMWare or Hyper V VM (Up to 100Mbps only) or you can repurpose existing hardware if it meets the attached specs**

Albert
CIS Network Monitoring