Enhanced Cybersecurity Solutions for the Department of Defense and US Government Agencies

Fend Data Diode Solutions + SolarWinds® Security Event Manager (SEM)

Protecting Critical Facilities and Networks

Having reliable and secure communication channels is imperative to enabling personnel to maintain systems and share sensitive information across their networks. Without a secure line of communication, security could be compromised, and the infrastructure we rely on could be at risk of going offline.

Loop1 is proud to present a strategic collaboration with Fend Inc., combining their industry-leading data diode technology with SolarWinds® Security Event Manager (SEM) software. This comprehensive offering addresses the imperative of air-gapping networks to safeguard critical IT and Operational Technology (OT) assets.

Fend's data diodes are cybersecurity hardware devices that facilitate physically-enforced, one-way communication of data. Now you can continuously monitor isolated networks for indications of compromise or insider threats while maintaining a physical barrier to cyberattack.

SolarWinds Security Event Manager is designed to improve your security posture and quickly demonstrate compliance with an easy-to-use, affordable SIEM tool.

Together, they provide a comprehensive solution for monitoring and protecting critical assets.

LEARN MORE

SOLARWINDS
Elite Partner

Enhanced Cybersecurity Solutions for the Department of Defense and US Government Agencies
Fend Data Diode Solutions + SolarWinds® Security Event Manager (SEM)

SolarWinds® Security Event Manager

—a SIEM solution without unnecessary complexity or cost.

Improve your security posture and quickly demonstrate compliance with an easy-to-use, affordable SIEM tool.

Easily demonstrate auditable compliance across industry-specific IT regulatory frameworks and detect and respond to security threats with reduced incident response times.

Key Features
- Centralized log collection and normalization
- Automated threat detection and response
- Integrated compliance reporting tools
- Intuitive dashboard and user interface
- Built-in file integrity monitoring
- Simple and affordable licensing

Protect your network with cyber threat intelligence tools

SOLARWINDS

Identify and respond to threats faster
Security Event Manager (SEM) provides another pair of eyes watching 24/7 for suspicious activity and responding in real time to reduce its impact.

See value quickly
Virtual appliance deployment, intuitive UI, and out-of-the-box content means you can start getting valuable data from your logs with minimal expertise and time.

Ease compliance reporting and audits
Minimize the time it takes to prepare and demonstrate compliance with audit proven reports and tools for HIPAA, PCI DSS, SOX, and more.

Get more data for less
Licensing is based on the number of log-emitting sources, not log volume, so you won't need to be selective about the logs you gather to keep costs down.

SOLARWINDS
Elite Partner

Fend Data Diode Technology
— one-way communication diode hardware physically protects you from cyberattack.

Fend's one-way communication diodes physically block cyberattacks on your critical infrastructure and networks.

Fend's data diodes:
- Tested by the US Army and Navy.
- Used across government, nuclear power, manufacturing, water treatment, and other sectors.
- All supported protocols included with purchase.
- No need for custom external servers or software.
- Built from the ground up as a cost-effective solution for monitoring industrial equipment and transferring files among domains.
- Made in the USA.

Visibility into air-gapped networks

An air-gapped network is a type of network that is isolated from external networks, including the Internet, to ensure maximum security and confidentiality of data. Air-gapped networks are ideal for storing data backups of critical systems, securing critical equipment or processes, and protecting sensitive data from unauthorized access.

However, air gaps can leave operators without the real-time intelligence they need to achieve the mission or improve operational efficiency. Until now, you had to decide between better security and better access to data. With bad actors using AI to fool even the best-trained employees into providing legitimate credentials, some networks are just too critical to trust to human error, remote access, and traditional IT-based defenses.

With Fend and Loop1, data can flow from protected networks to the stakeholders that need it while access is physically blocked, ensuring that even the most sophisticated attacker is stopped.

Compliance, visibility, and physical protection

Operators of networks across government need to detect both malicious activity and insider threats, whether purposely or accidentally introduced. Recent mandates, such as the US Department of Homeland Security (DHS) Binding Operational Directive (BOD 23-01), the Office of Management and Budget (OMB) Memorandum M-24-04, and DoD Manual 8530.01 require agencies to inventory and monitor IT and OT assets. Loop1 and Fend bring the best detection capabilities and physical barriers to attack, providing visibility even into air-gapped networks and the most sensitive of environments.

Figure 1: Fend – SolarWinds SEM Architecture Monitored Environment (Air-Gapped)
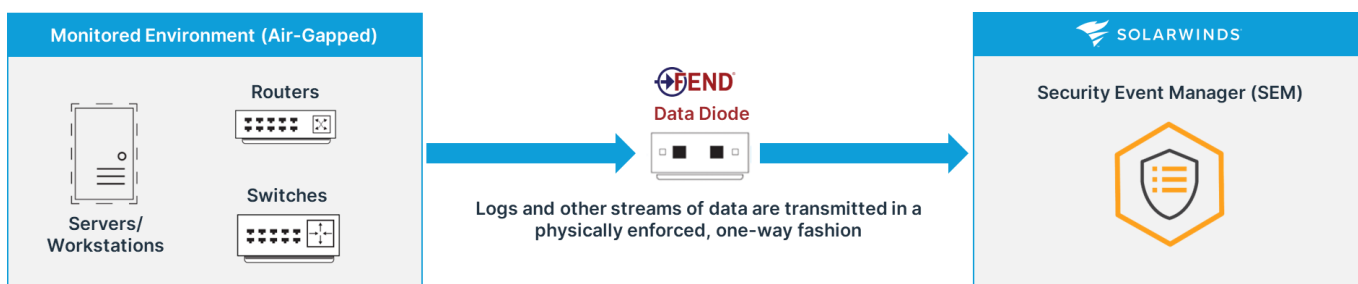
Package Options
—we offer several options based on the number of events being managed

---

SolarWinds® Security Event Manager (SEM) for Air-Gapped Networks

> 75 Million Events Per Day

5 Day Professional Services Engagement

SolarWinds® Security Event Manager (SEM) for Air-Gapped Networks

> 170 Million Events Per Day

8 Day Professional Services Engagement

SolarWinds® Security Event Manager (SEM) for Air-Gapped Networks

> 215 Million Events Per Day

10 Day Professional Services Engagement

The three package options—**5 days, 8 days, and 10 days**—are based on the most common SEM installation scenarios, but we can also provide a scope of work for options outside of this, ensuring flexibility and tailored solutions to meet your specific needs.

Each option focuses on seamlessly integrating SolarWinds Security Event Manager (SEM) into your IT environment alongside Fend's Data Diode Technology to provide a comprehensive solution for monitoring and protecting critical assets. Led by Loop1 SolarWinds Certified Professional (SCP) engineers, all packages encompass platform validation, software installation, best practices configuration, comprehensive documentation, and knowledge transfer.

All Loop1 services engagements are conducted according to our L1M3 (Loop1 Monitoring Maturity Model) service delivery framework. Through this delivery model we partner with you and your stakeholders to understand needs and objectives, provide guidance regarding product capabilities, then design and deploy technical solutions that ensure optimized and insightful outcomes.

Ready to improve operational efficiency and security? Speak to our team today!

[LEARN MORE]

SOLARWINDS
Elite Partner

LOOP1® | FEND®

We guarantee better correlation from your tools, fostering improved collaboration among your team.