

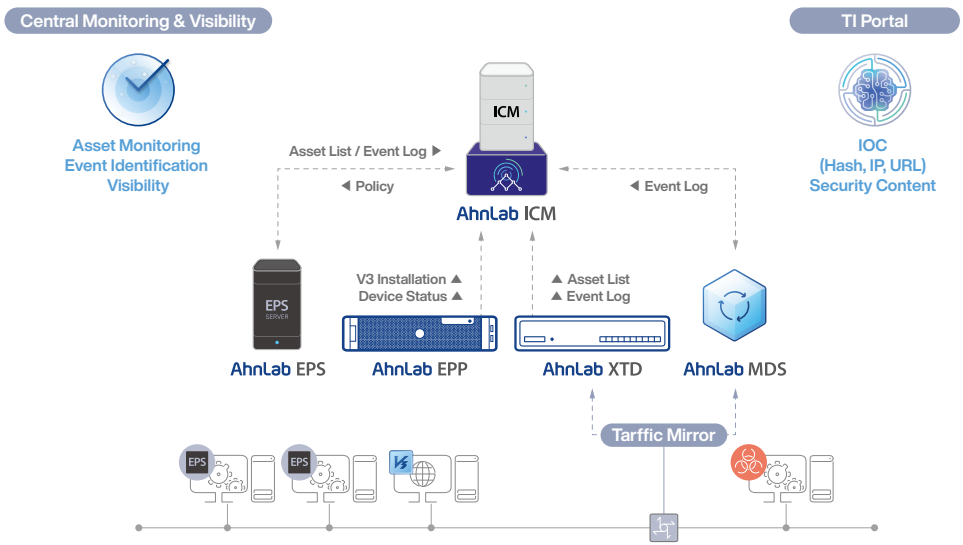
AhnLab ICM

Central CPS Security Monitoring and Management

Unified visibility across CPS environments
Minimizing operational complexity while maximizing cost efficiency

Overview

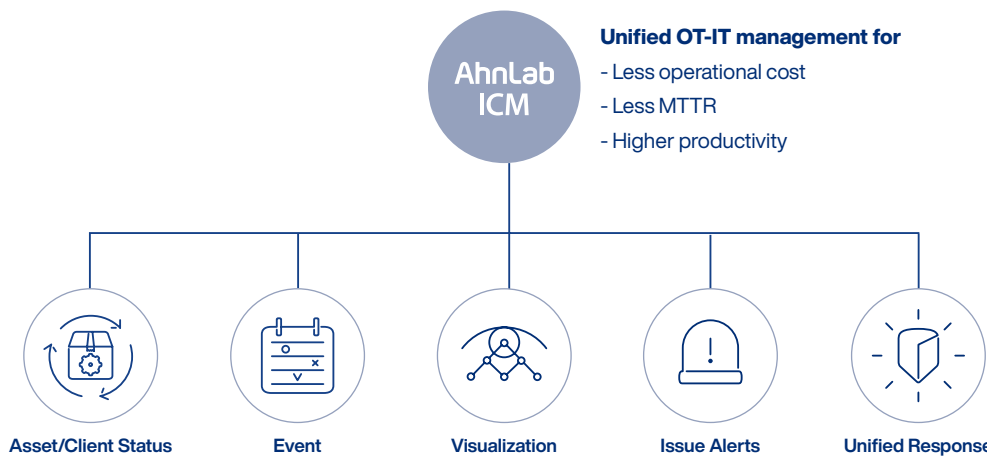
AhnLab ICM is a central management and monitoring solution for CPS (Cyber-Physical Systems) security across OT and IT environments. It provides unified visibility into the CPS environment through a dashboard visualizing the status of integrated security modules. The solution monitors asset and event data collected from security modules deployed across the CPS environment, and enables real-time detection of issues that require immediate action. By integrating with AhnLab TIP, AhnLab ICM delivers the latest IoCs and threat information for intel-driven CPS security.



CPS Monitoring	• Integrated view of the solution status, asset lists, and logs • Real-time visibility into IoCs and threat information via the TIP integration • A key threat detection - malware, vulnerabilities, etc. • Custom dashboards, statistical reports, critical event alerts, etc.
EPS Policy Mgmt.	• Centralized policy management for multiple EPS servers – Configure unified policies and apply commands • View the history of EPS policies and command transmissions from ICM • Email sent to the EPS server admin regarding ICM policies and commands
EPS Operations	• EPSIC updates – integration without a full EPS server migration *EPS 2.1 or above • Provides software type and supports exporting to SIEM (CEF, LEEF and Syslog) • Downloads the latest malware scan engine – For EPS servers (v2.1 or above), the update server path can be set as ICM

Strengths

AhnLab ICM maximizes the effectiveness of security solutions through unified operations, while reducing the management burden. Its central CPS security management shortens threat response times - resulting in cost savings, improved business continuity, and enhanced productivity. Additionally, integration with SIEM and central log analysis systems further enhances the efficiency and performance of security monitoring and management.



Specifications

AhnLab ICM Server (Hardware)

	Number of EPS Agents		
	20,000	50,000	100,000
CPU(Intel Xeon Silver GEN10)	16 Core	24 Core	32 Core
Memory	64GB	128GB	256GB
SSD (Storing 6-month EPS logs)	OS : 256GB Data : 700GB	OS : 256GB Data : 1TB	OS : 256GB Data : 1.5TB

* The SSD capacity is based on the volume of EPS logs, an average of 38 log entries per agent each day.
* The required SSD capacity may vary depending on the log retention period and the daily log volume.

AhnLab ICM Server (Software)

	Requirements
OS	RHEL 8.10

AhnLab ICM – Web Console

	Requirements
CPU	Intel Core i5-6500 3.2GHz 4 Core
Memory	4GB
Web Browser	Chrome 112, Edge 114
Language	Korean, English, Chinese (Simplified)