Automotive Vulnerability Analysis System (VERZEUSE for SIRT)

Panasonic

Benefits

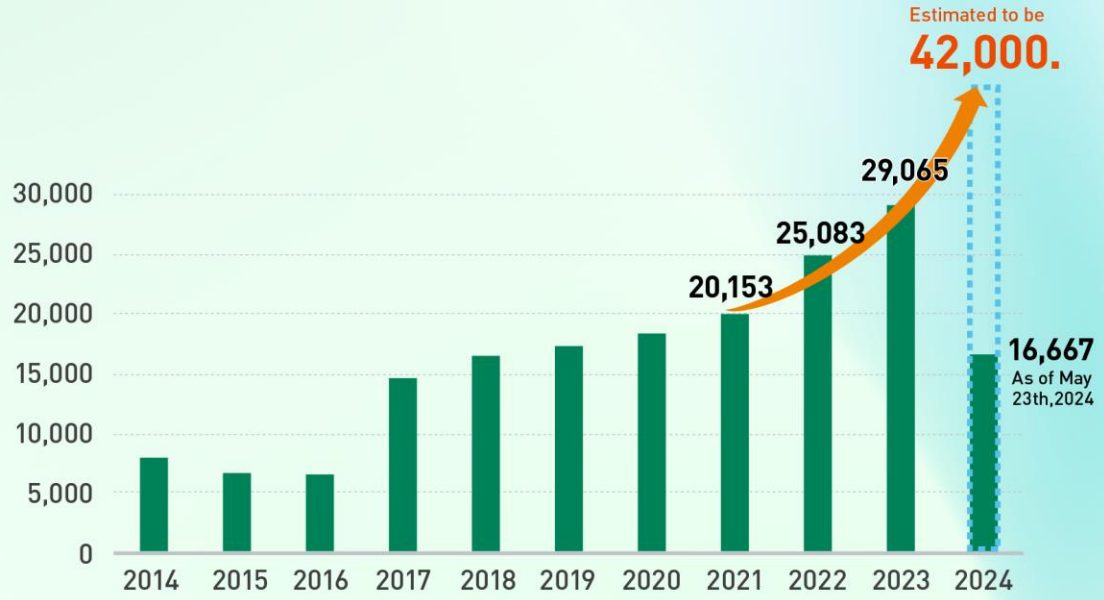
Reducing Vulnerability Response Costs

Currently, 30,000 vulnerabilities are reported annually, leading to increasing response costs. To address these vulnerabilities,
1. We analyze the risks to actual vehicles based on vulnerabilities.
2. We prioritize the vulnerabilities that require immediate attention.
This approach enhances the efficiency of vulnerability response process.

Ensuring Vehicle Safety and Security Against Cyber Attacks

We mitigate drivers' concerns about cyber attacks exploiting vulnerabilities, ensuring that drivers can operate their vehicles safely and securely.

The number of vulnerabilities is increasing year by year.



Source : CVE Details (https://www.cvedetails.com/browse-by-date.php)

VERZEUSE is our brand of cybersecurity technologies and services that combat cyber-attacks.

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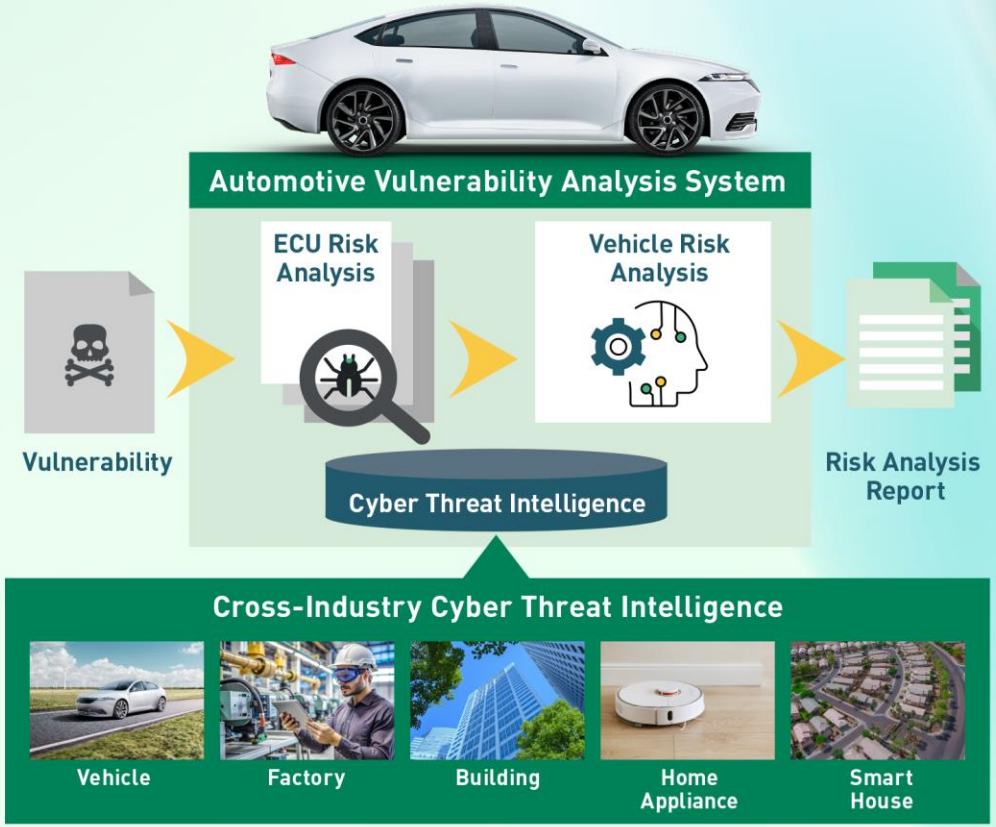
Technical Advantages

Automated Risk Analysis for Vehicle Vulnerabilities

We analyze risks of vulnerabilities at the ECU level and evaluate their impact on the entire vehicle, considering vehicle configuration and ECU interdependencies. This enables appropriate prioritization of vulnerabilities based on their actual risk levels. Additionally, our analysis steps comply with ISO 21434 standards.

Cross-Industry Cyber Threat Intelligence Collection and Utilization

The Panasonic Group has extensively accumulated Cyber Threat Intelligence(CTI) through its security services for Factories, Buildings, and Smart Houses. Leveraging this knowledge, we provide analysis logic based on the latest threat scenarios.



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Applications

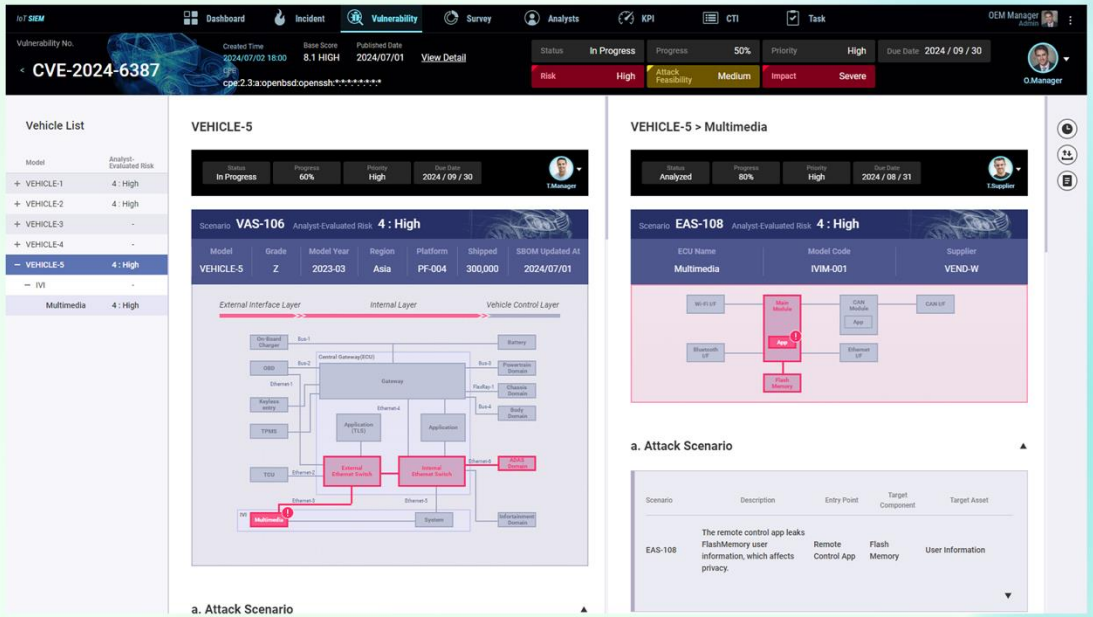
Cloud-Based Vulnerability Analysis System

Users can perform analyses using intuitive GUIs,
manage the status of analyses collectively, and generate
comprehensive analysis reports.

Vulnerability Analysis Support Service

Our security experts provide support for vulnerability analysis.
We also assist with Threat Analysis during vehicle design, ensuring
consistent vulnerability analysis based on the threat analysis results.

VERZEUSE



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