Alarm Event Center

The ultimate solution for seamless plant-wide alarm integration.
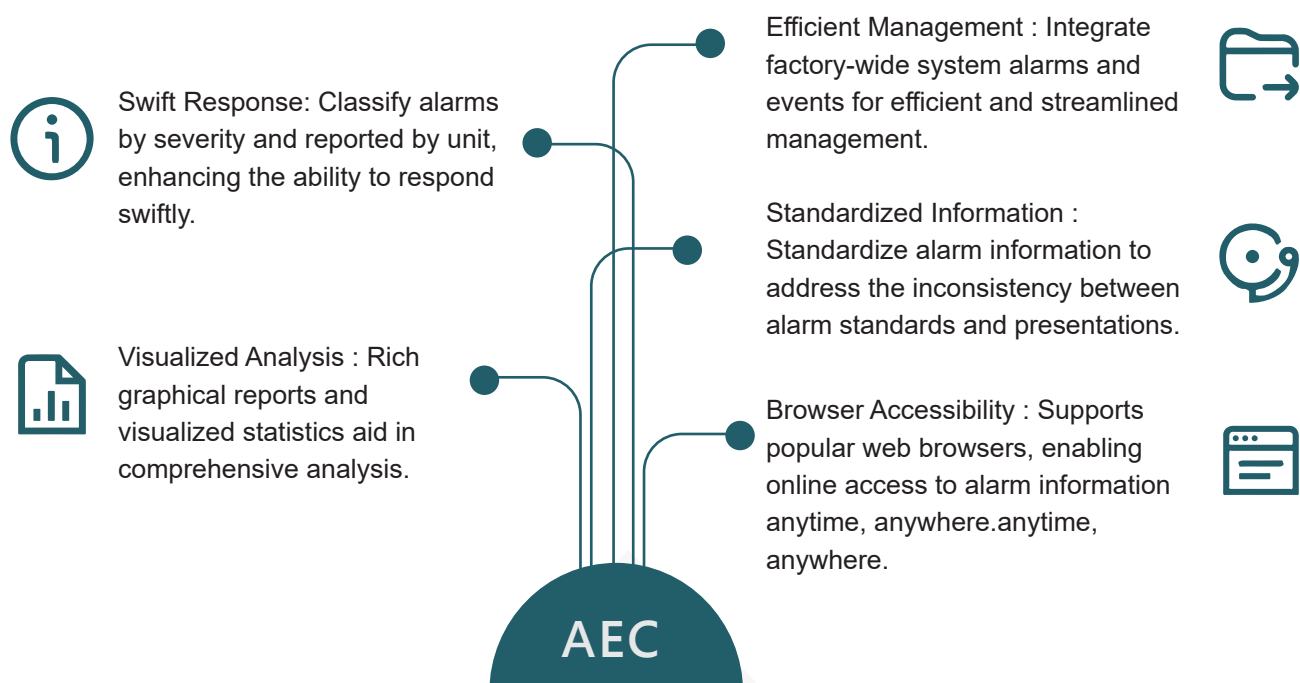
AEC integrates alarms and messages across HMI and SCADA, providing a barrier-free overview. Automatically categorize and grade for efficient management.

End Alarm Dispersion with AEC.

Consolidate factory system alarms with AEC and stay informed anytime, anywhere! AEC provides an integrated alarm management system that consolidates diverse alarm sources, organizes them by priority levels, and enables layered management for swift on-site responses.

Customize alarm notifications through social media platforms, email, text messages, and phone calls. Access real-time alarms, historical data, and statistical reports effortlessly using a web browser, centralizing management of all factory SCADA events and alarms.
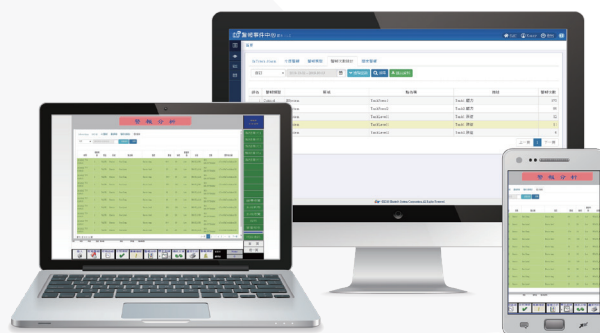
Benefits

Swift Response: Classify alarms by severity and reported by unit, enhancing the ability to respond swiftly.

Visualized Analysis : Rich graphical reports and visualized statistics aid in comprehensive analysis.

Efficient Management : Integrate factory-wide system alarms and events for efficient and streamlined management.

Standardized Information : Standardize alarm information to address the inconsistency between alarm standards and presentations.

Browser Accessibility : Supports popular web browsers, enabling online access to alarm information anytime, anywhere.anytime, anywhere.

AEC

Key features

1. Integration of common alarm data sources:

Consolidate various alarm sources such as PLC, HMI, DCS, SCADA, OPC AE, alarm files, and alarm databases into AEC for statistical and analytical purposes.
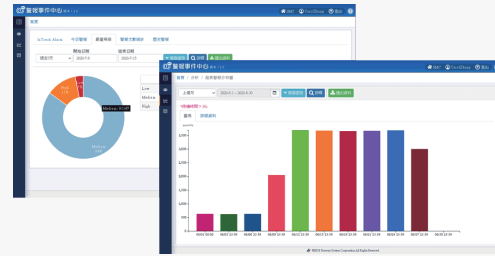
2. Web-based display:

Access alarm dashboards, statistics, records, and distribution information from any browser, enhancing management agility.

3.Visualized Statistics and Analysis :

Automatically compile data into tables, bar charts, pie charts, and more for expedited analysis.

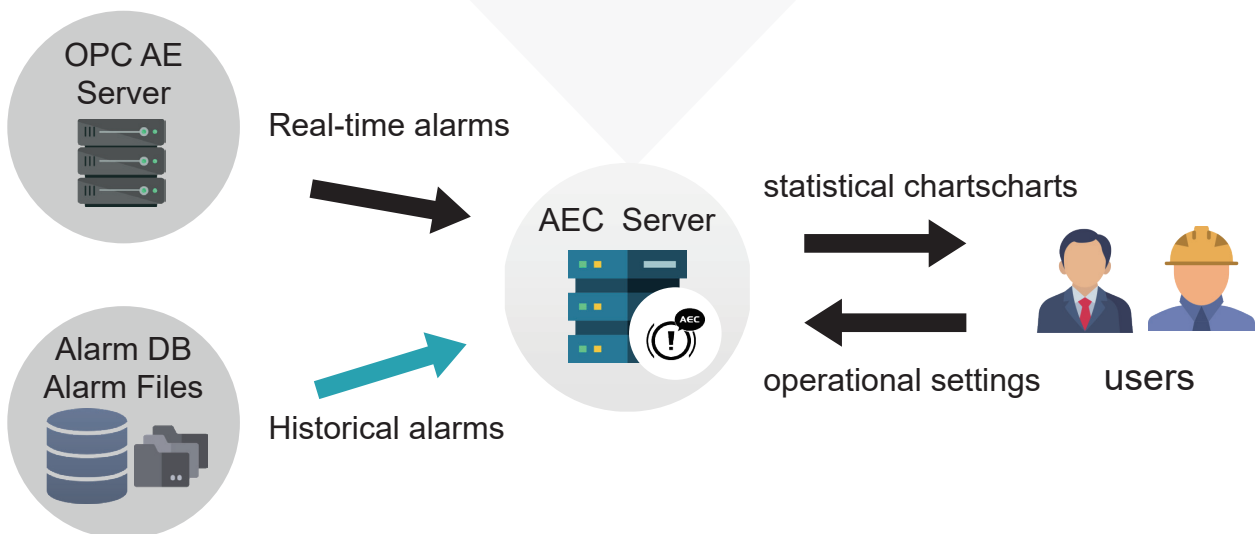## 4. Diverse Alarm Notifications :

Customize notification content and triggering conditions. Send notifications through like LINE, WeChat, SMS, email, voice calls, Microsoft Teams, and more. This achieves the goals of reducing alarm fatigue and minimizing missed notifications.
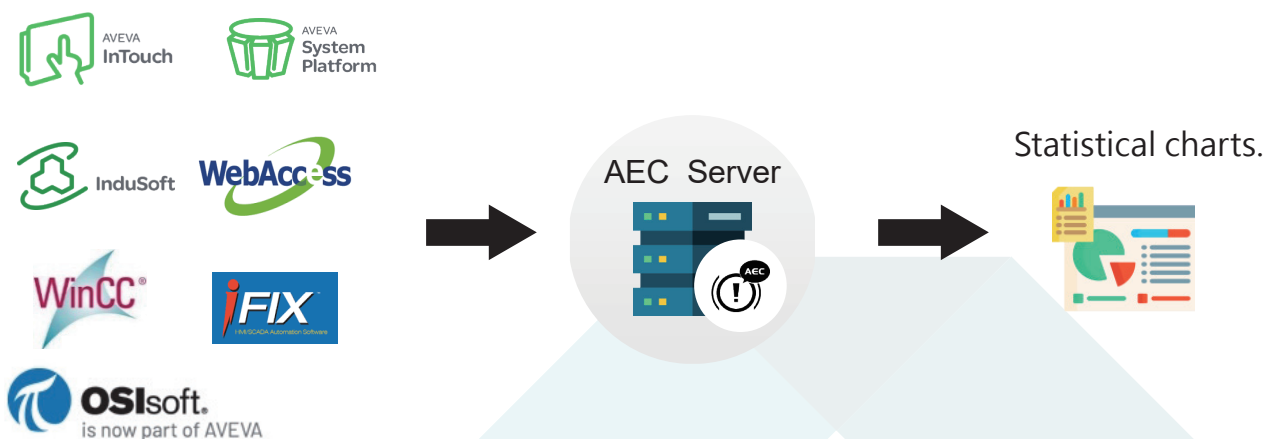
※ Requires integration with MGS

5. Alarm classification management.

Configure alarm levels and their notifications without hierarchy.Assign different colors for quick interpretation.

◥ System architecture

OPC AE Server

Real-time alarms

AEC Server

statistical chartscharts

operational settings   users

Alarm DB Alarm Files

Historical alarms

◥ Application architecture

AVEVA InTouch

AVEVA System Platform

InduSoft   WebAccess

AEC Server

Statistical charts.

WinCC®   iFIX

OSIsoft. is now part of AVEVA

System compatibility

Operating system

- Windows 10 / 11 Pro
- Windows Server 2012 R2 or above；Standard / Data Center

Supported browsers

- Microsoft Edge
- Google Chrome
- Mozilla Firefox
- Safari

Database

- Microsoft SQL Server 2012 or above；Express / Standard / Enterprise

Hardware requirements

- Processor : 2.4 GHz or faster processor
- RAM : 8 GB or above
- Free space on hard drive : 500 GB
- Network : 1 Gigabit Ethernet
- Display 1920*1080 or higher

※ Content may change without prior notice
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