

Software Products

Alarm Management System(AMS)

- ❖ Collect data over serial / parallel / Ethernet from DCS, SCADA, PLC & Network devices
- ❖ Provide retrieval & analysis tools
- ❖ Email, Voice, SMS notifications
- ❖ Frequency Analysis, Duration Analysis
- ❖ Alarm rationalisation
- ❖ Computed Alarm Engine

Alarm Annunciation System(AAS)

- ❖ Emulate salient features of conventional hardware annunciations
- ❖ Can be implemented as an in-built function of DCS or SCADA system
- ❖ Can show priority wise Alarms on top of DCS or SCADA large Video Screen(LVS).Automatic Scrolling to accommodate multiple alarms

Sequence of Events(SOE)

- ❖ Direct time stamped data collection from PLC
- ❖ Gives First out facility
- ❖ 1 ms time stamp inside PLC
- ❖ GPS Synchronisation
- ❖ Redundancy option

OPC AE\DA\HDA Software

- ❖ Provide process Alarms, events & analog data over OPC.
- ❖ Provide Alarm management System data to any Third party system using OPC AE client
- ❖ Collect or provide process Data from Historian(InSQL,IP21,PI)or third party systems and provide to DCS and SCADA systems

Emergency Messaging System(EVMS)

- ❖ Provide warnings and instructions to personnel during emergency situations to reduce confusion, injury and casualties in the plant
- ❖ Emergency messages in form of SMS and Voice call
- ❖ Sending a single message to one phone number, several phone numbers, or to an entire Group.

Report Management System

- ❖ Collect report data over serial / parallel / Ethernet from Legacy based DCS, SCADA, PLC systems
- ❖ Integration with AIMS or MIS system or SAP system
- ❖ Export or conversion to standard formats like excel or PDF format

Alarm Audio

- ❖ The Alarm Audio is an add-on for SCADA that greatly simplifies and enhances the playing of sound files in response to alarms and events.
- ❖ The Alarm Audio plays wave files one after another and also includes silencing features

Graphics Capture Software

- ❖ To capture DCS or SCADA operator station snapshots at the time of tripping or disturbance
- ❖ Export graphics page to standard formats like jpg or PDF format
- ❖ Operator station graphics page can be sent over email on manual print screen