

FarSite Manager

The FarSite Manager comprises of three modules, mainly to manage and control the Alarm I/O and the Video surveillance at site.

- FarManage
- FarView
- FarSearch

The FarManage is a Automation Software suite for Microsoft Windows® operating systems. It is a HMI and SCADA product designed from the ground up based entirely on the OPC foundation specification for Data Access, Alarm and Events, Historical Data Access.

Features

- Fast, reliable and scalable
- Simple development, Multi-Targets
- Modular software modules
- Web-enabled
- Open database and Historical storage
- Distributed enterprise wide multimedia alarming and notifications that support different rules and action sets
- Automatic Diagnostic and Analysis
- Comprehensive and Simple reporting
- Data Bridging and Redundancy options available

Functionality

- Live and Active alarm/ event viewing which can be saved and re-loaded based on various configuration files to define its operation
- Monitor alarm Data and/or “Expressions” with data compression or filter for alarm conditions both on Live and Historical occurrences
- Contain help instructions on a per-alarm basis to assist operators in solving the alarms when viewing them.
- Associate a default graphic display with each alarm, thus an operator could quickly jump to the associated display to view details on the alarm.
- Offer alarm area grouping of alarms so configured into categories
- Have a delay time specified alarm
- Digital I/O / Analogue limit/ Deviation and/ or Rate of change alarm type supported
- Single or Multiple Data logging base on User define interval/ period/ percentage of change or absolute threshold
- Run locally or over the network, supplying alarms and events to multiple alarm clients on multiple machines.
- Data logged on Single or Multiple open database of MS SQL/ Access/ Data Engine or Oracle
- Major report view in Bar/ Tabular/ Pie view with optional Crystal report view

The FarView enable viewing of video/ image data capture by the video surveillance system.

Features

- User selectable 1/ 2/ 4/ 9 and 16 video points on a single screen, up to 5 screen (selectable)
- Proprietary view options (To consult)
 - Hot Spot Multi-view (HSM)
 - Digital Zoom (DZ)
 - Motion Zoom In (MZI)
 - Specific View Alarm Detection (SVAD)
 - Still Object Detection (SOD)
- Remote control of:
 - Start/ Stop Audio input and Microphone
 - Manual over-ride for video recording and still image capture
 - Camera selection
 - Digital output alarm control
 - Select Video format (PAL/NTSC)
 - Time synchronization
 - User management
 - Video channel setting for display and place text/ clock, PTZ protocol selection, video signal missing detection
 - Video quality setting for continuous/ variable bit rate, frame per second and image size (cif to 4cif),
 - Adjust brightness, contrast, saturation and hue of video
 - Event setting for motion detection area and video recording schedules

The FarSearch is a remote subscriber software which assist the User to better understand the site conditions and visibility at a glance. It comprises of multi-colour icon representations for different user define alarms and events with date and time stamped

