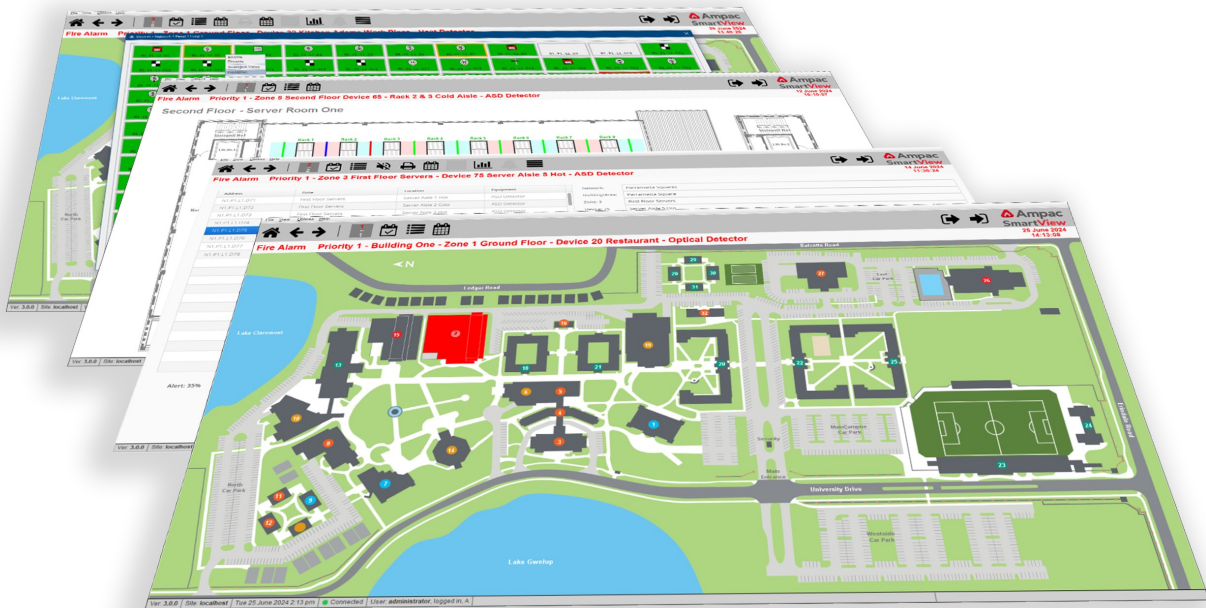**Ampac**

Fire detection and evacuation solutions that save lives.

Smart**View**

Graphical Event Management System

Smart**View** is a fully featured graphical event management system that has been designed to complement the Ampac range of fire control panels while presenting clear and precise alarm information to the operators enabling them to make emergency decisions with minimal delay.

Features

- Simple graphical navigation with rapid location of event
- Easy to operate user interface
- Historical event logs all activity
- Zone and device text displayed from panel
- Event response action text
- Assignable user log-in permissions
- Extensible architecture

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Overview

SmartView is a truly extensible Client Server application whose primary role is dedicated to the monitoring of fire detection systems, from a single building installation employing one fire detection system to large multi-campus, multi-building facility, **Smart**View is more than capable. The system can also be tailored to monitor non-fire related events such as Supervisory, Security and Process alarms. In addition, extensive audit trail facilities allow comprehensive management of all event situations while command and control of remote systems can be undertaken seamlessly.

Despite its sophistication, **Smart**View remains simple to setup and configure. No two projects are ever the same which makes **Smart**View the ideal solution to today's innovative building designs and comprehensive site wide alarm systems.
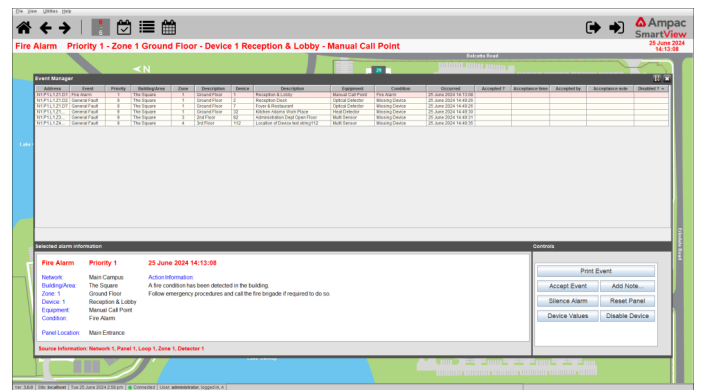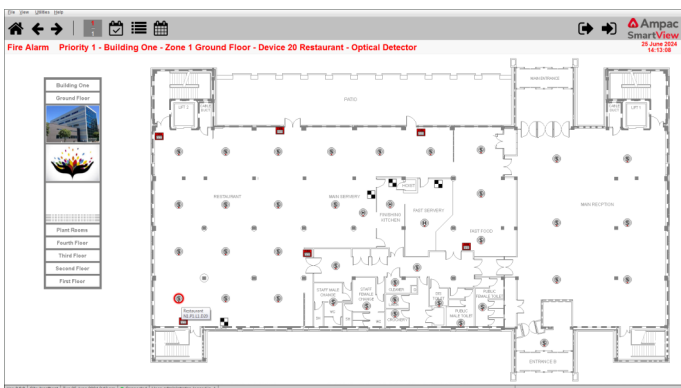

Applications include:

- Airports
- Shopping Centres
- Hospitals
- University Campus & Schools
- Industrial Sites
- School and Hotels
- City Wide Housing Authorities
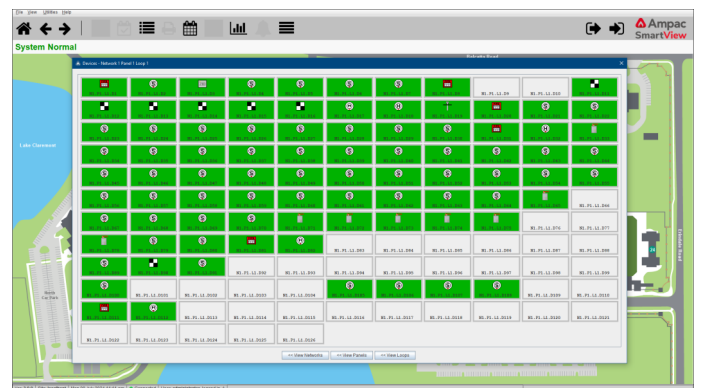- Power Generation
- Prisons

Site Overview

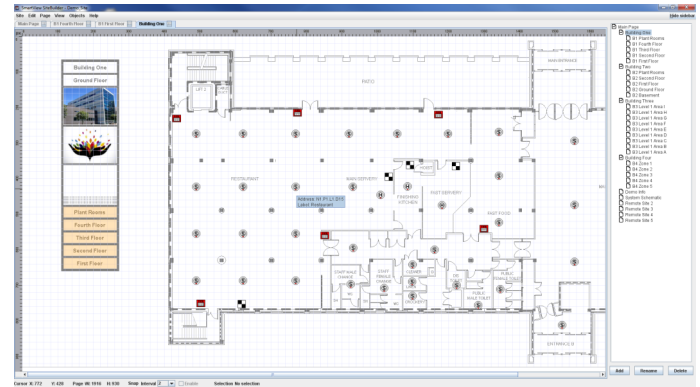

Event Manager and Control

Floor Layout

Device Assignment Table

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Site Builder

Create pages, navigational routes and add dynamic links and device icons

Command Control

Visual & Audible Alarms

As events occur, **SmartView** will display the status of automatic detectors, manual break glass call points, sprinkler systems and interface devices while monitoring the condition of critical equipment such as sounder controllers, fire doors, lift controllers and smoke fans. The facility to zoom in on geographical map pages, enable the emergency situation within the building to be precisely pinpointed providing rapid recognition and identification of source. Audible alarms and intervention procedures can be tailored to the system installation, providing unique guidance on action to be taken by the operator for each particular event.

Event Messages

Individual devices connected to the **SmartView** system each have a unique location text description, event header descriptor and priority alarm level associated to each type of activation. This information together with action messages can be viewed by the operator during an event condition.

System Interrogate

The interrogate facility allows the operator to control individual remote fire panels to initiate basic commands such as silence alarms, panel reset and evacuate. Additional commands can be sent to permit the disablement of detectors and interfaces, viewing of individual device analogue values, loop device quantities and text listings.

Alarm History

A powerful archive facility stores information on the type of event, when it occurred and who actioned the response. A unique note tagging facility is also incorporated to enable specific information about the incident to be attributed and stored against each individual alarm. The advanced alarm search facility enables the user to filter alarms by type, priority, panel or zone allowing them to be displayed for a given day or range of days. The historical data can also be exported to an industry standard format, such as Excel, providing additional information to supplement an audit trail or incident report.

Event Pending Display

During alarm conditions, the events are prioritised as they occur, displaying the most critical event information foremost in priority order enabling prompt user intervention at all times.

Item Numbers

Item	Description
4100-1004	SmartView Server Hardware Licence 4 Loops Support including 1 Client
4100-1005	Additional Client
4100-1006	SmartView Server Soft Licence 4 Loops Support including 1 Client
4100-1016	Upgrade to Server 4 - 16 Loops
4100-1032	Upgrade to Server 4 - 32 Loops
4100-1064	Upgrade to Server 4 - 64 Loops
4100-1128	Upgrade to Server 4 - 128 Loops
4100-1256	Upgrade to Server 4 - 256 Loops
4100-1512	Upgrade to Server 4 - 512 Loops
4310-0095	Panel RS232/RS422 Interface
4310-0096	Panel Ethernet Interface
4100-2001	Desktop computer with SmartView pre-installed. Site licence not included
4100-2002	LED-backlit LCD Monitor - 24"
4100-2005	LED-backlit LCD Monitor 27"
4100-2007	All-in-one stand for 4100-2001

Computer Recommendations (minimum spec)

Intel Core i7 CPU 4.8 GHz, 64 bit operating system with 16 GB RAM. 24" monitor, mouse and keyboard

![Ampac logo]

Fire detection and evacuation solutions that save lives.

SmartView offers a number of supervisory features that can scale to the size and complexity of any project

Device Logger

Provides real time logging of Wagner MASD devices connected to the system. **SmartView** continually monitors, samples and records the change in obscuration value providing a visual presentation for service & commissioning technicians to review.

As the % obscuration values increase, **SmartView** will display the set-point events for Alert, Pre-alarm, Fire 1 & Fire 2 along with any Faults generated from the Wagner MASD device. Historical data can be viewed, printed and backed up for review at a later date.

Max No. sampling devices permitted per FF+ network is 200.
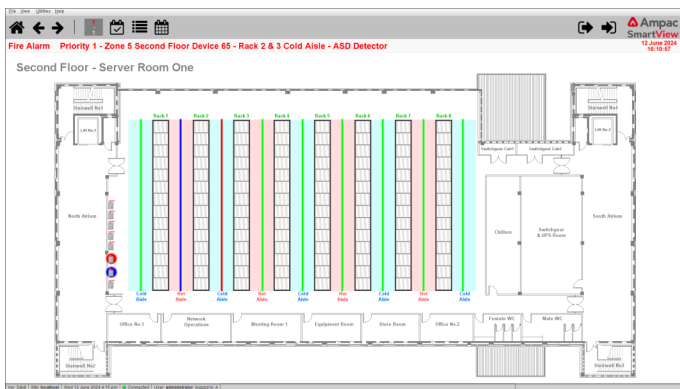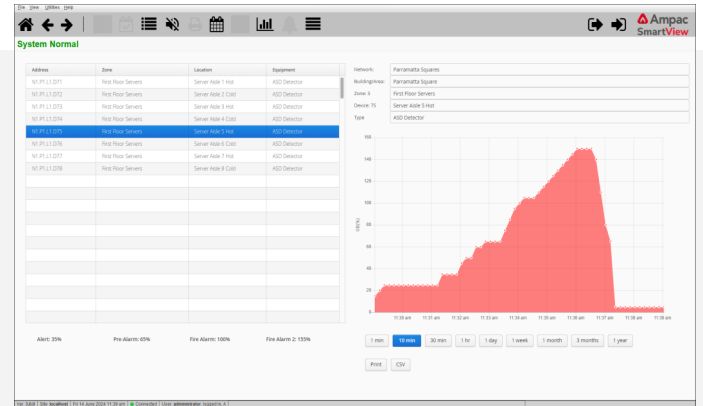
Wagner Titanus Pro-Sens MASD Dynamic Pipework

Active Line widgets can be plotted on graphical pages to represent the location of the MASD pipework network which will change colour based on the type of event activated on the associated Wagner MASD device.

Applications include:

- Data Centres, Clean Rooms and Pharmaceutical
- Comms Rooms, Archive Storage Facilities
- Cold Storage Facilities, Logistic centres

Controls & Status Indication

Operator control buttons can be placed on graphical pages which can then be programmed through the FireFinder panel cause & effect strategy to activate output devices located on the detection loop or relay contacts within the panel itself.

Status Indicators can be placed on pages to indicate the response to the activation of a control point button or simply pick up the operation of an input or SMU device.

A maximum of 600 Control Points & 600 Status Indicators are permitted for each fire panel network connected to **SmartView**.
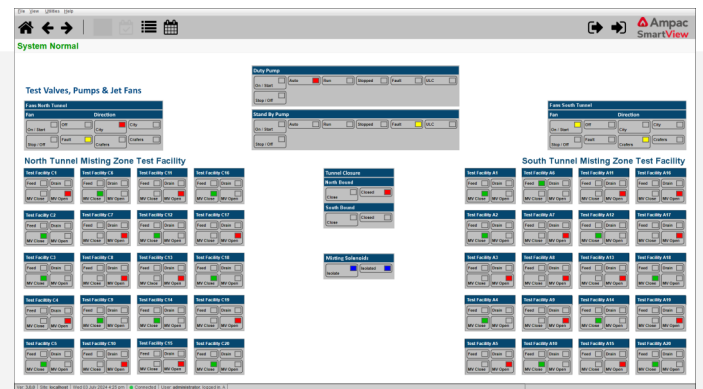
Fire Fan Controls

Fan control buttons for On, Off and Auto with respective status condition can be configured within **SmartView** and the FireFinder panel with feedback being provided for the Run, Fault and Stop status. Fans can be represented as a repeat of the physical Add-on control & indicator cards located on the FireFinder panel fascia or as a virtual representation whereby no cards need be installed within the panel itself.

A maximum of 600 individual fans can be controlled by a single network connected to **SmartView**.

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Not just a graphics system, SmartView offers a number of technician focused features...

Analogue Value Manager

Once a week, default setting Sunday 4:00am, **SmartView** will download the analogue values from connected network/panels and store them in the database. Analogue Value Manager (AV Manager) allows the operator to view and filter retrieved data using the Client interface. Filtering can be made based on Network, Loop, Zone and Device Type with a more granular search being permitted based on two specified max/min analogue values.

AV Manager will identify the total number of devices located within the database along with the total identified within the search criteria. Data can be exported to csv format.
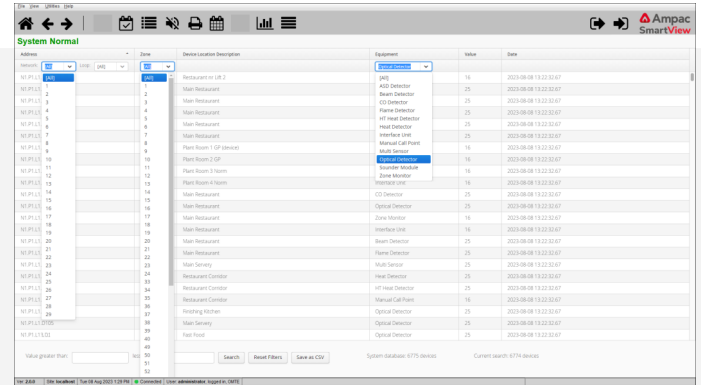

Isolation Manager

The 'Show Isolations' button located on the Clients main control button bar allows the operator to review all Device Disablements present across the entire system. A counter, located on the button displays the total number of disablements. It is possible to print the list of disablements or export to a csv file for review at a later date.
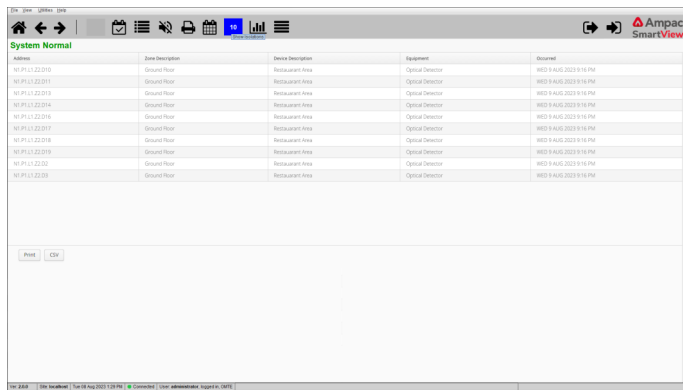
Device Interrogate

Click on the device icon located on the graphical page to reveal the Device Interrogate option. This allows the operator to review details and status condition of the selected device.

In addition, control buttons allow the operator to initiate a number of commands to the remote panel such as:
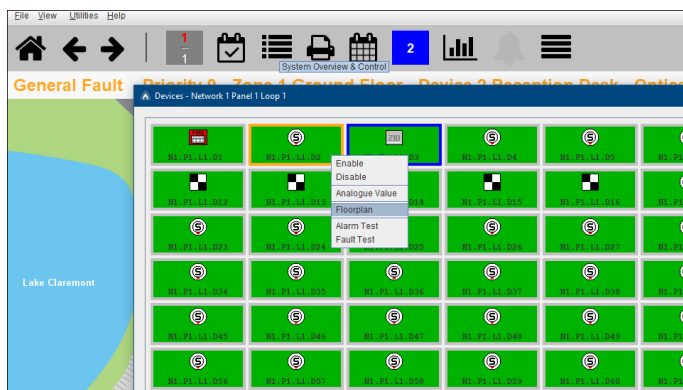
- Disable & Enable device
- Refresh & update the initial value read
- LED Test - operates the detector base LED
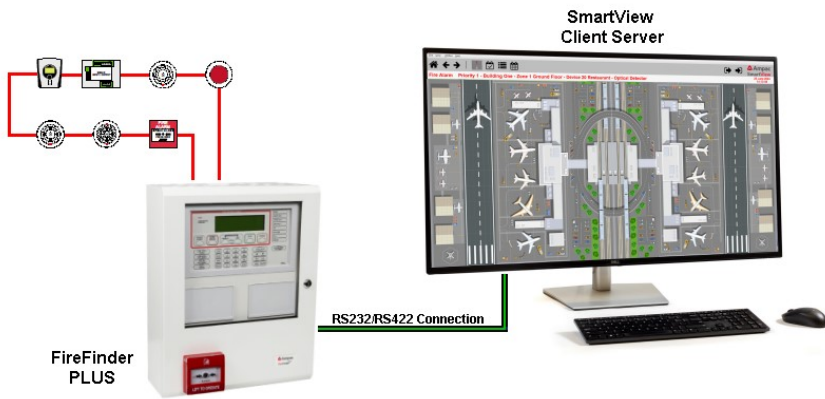- Allow the panel to perform an Alarm or Fault test
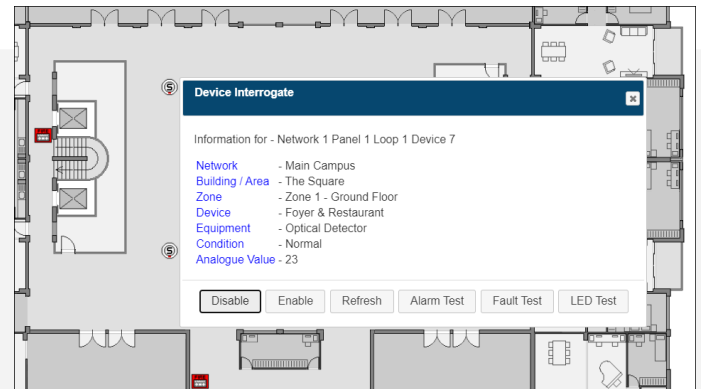
System Overview & Control

The System Overview & Control button located on the Clients main control bar allows the operator to drill down through the selected network, panel and detection loop to reveal the full status of each device located on the loop.

Selecting a device address reveals a context menu enabling the operator to perform commands such as:

- Find a device on a Floorplan
- Disable/Enable device
- Initiate Alarm or Fault test
- Read selected device analogue value

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SmartView Client Server

RS232/RS422 Connection

FireFinder PLUS

From a single fire alarm panel connected to a **SmartView** Server and local Client...

to a complex multi panel, multi network installation incorporating a **SmartView** Server with distributed remote Clients.

Connection to Server can be made using RS232 (max distance 10M), RS422 (2KM using Beldon 9729 cable) or Ethernet .

SmartView Remote Client

SmartView Remote Client

Ethernet LAN / WAN

FireFinder PLUS cw 4310-0097

SmartView Server

SmartView Local Client

RS232/RS422 Connection

Network 1

Network 3

Panel 5 cw 4310-0095

Panel 1 cw 4310-0097

Building 1

FireFinder PLUS Network

Panel 6

Panel 4

FireFinder PLUS Network

Panel 1

Panel 3

Building 4

Building 2

Panel 2

Building 3