

Station Alarms Panel Vega SAP

PRODUCT OVERVIEW



General:

The Vega Station Alarm Panel offers direct parallel digital input to digital output matched station alarms concentrator functionality in its most basic form up to intelligent control of user named and (cross) mapped input to output operation in the more advanced processor format. Analog input signal processing functionality means that alarms can also be derived from analog (fuel level) inputs. Outputs are available as parallel digital contacts or serial data stream format to advanced users. Ethernet-based off site access to the SAP is under development.

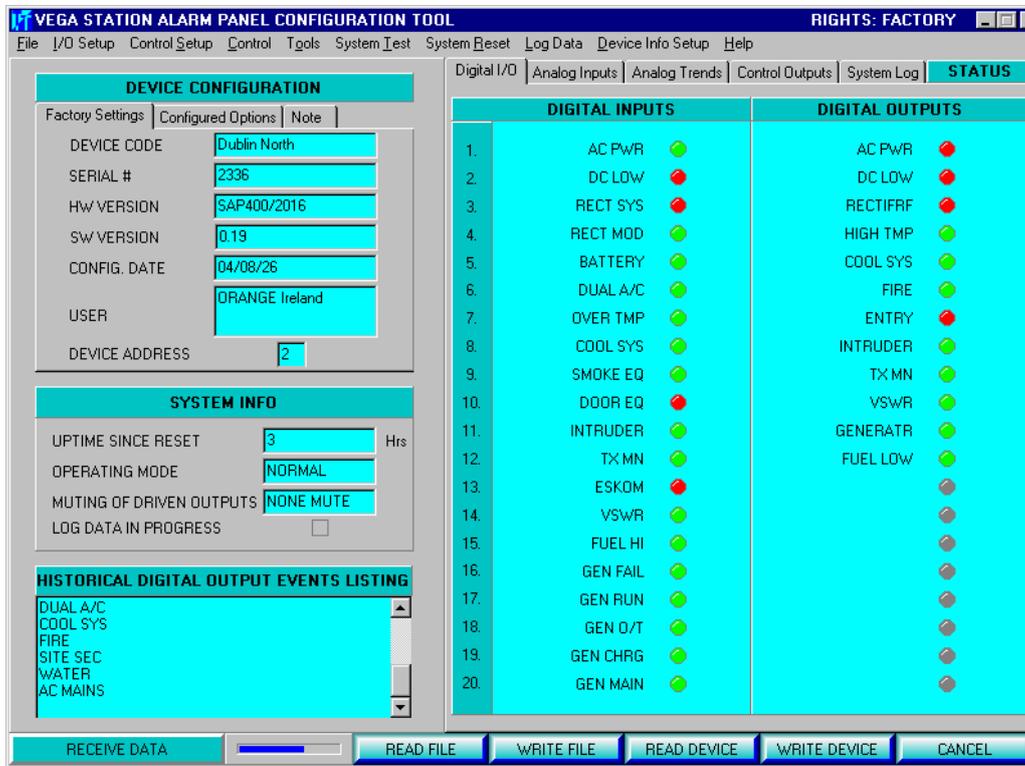
Complete modular design allows for configuration of the alarm system to meet user specific requirements be it single or multiple room applications with/without entry, fire, movement sensing or with custom field input devices to user-defined input channels.

Application:

Station alarms system for small telecommunications or control room environments including:

- 🔔 Radio Base Stations
- 🔔 Remote Subscriber Switches
- 🔔 Transmission Systems
- 🔔 Industrial Applications
- 🔔 Server Rooms

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Main Window in PC Configuration Tool (Processor Version)

Features:

- ☞ Available in standard 16 or 20 channel versions or any super multiples;
- ☞ Integrated sensor design allows for short installation times;
- ☞ Local alarm, identification text and audible annunciation option available;
- ☞ Allows for user controlled outputs and analog input/output processing as option;
- ☞ Accepts auxiliary power supply at 24 or 48V DC or alternative AC power pack;
- ☞ Designed for hard wired or PC Configuration Tool menu driven setup;
- ☞ Interface to BMS applications on development path.

Advantages:

- Systems are delivered pre-assembled in required configuration including sensors and wiring looms allowing for quick commissioning;
- While pre-configured to customer requirements, systems remain fully field configurable to allow for changed requirements or enhanced functionality to meet alternative network requirements;
- Station environment sensors integrated into housing design and pre-tested;
- Optional advanced embedded processor module offering top end functionality off standard front-end;
- High reliability due to maturity of designs;
- Designed for easy modular first line maintenance.

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Product Variants:

MODEL	VEGA SAP	VEGA PROC SAP
Application	Entry level GSM (or similar) with direct parallel alarms output	Advanced GSM (or similar) with local annunciation and mapped parallel alarms output

Specifications:

AC Power System Alarms: Mains / Phase Fail
Nav Warning Light
Other user defined
(See optional Klio AC Power Monitor)

DC Power System Alarms: Five user spec

Security Alarms: Smoke
Door Entry
Movement Sensing
Operator Call Activation

Cooling system Alarms: Dual A/C Operation
High Temp
Cooling System Fault

Other Services Alarms: Diesel Standby Power
Fuel Levels etc

Spare (User Defined) Alarms: Balance to 16 or 20

Sensor Smoke: Optical Type

Sensor Movement: Passive Infrared

Sensor Entry: Roller limit switch

Field connections: Plug or screw type
to suit user

Liquid Crystal Display: Full Functional
User programmable

Historical Alarms: Alarm Events Listing
(Non-volatile memory)

Fire Lockout: Integral A/C & Vent shut-down
(When used with Sirius CCU)

Alarms Output Logic: N/C or N/O
(Requires Processor option)

Serial comms Interface: RS232

Reverse Polarity Protected: Yes

System Test Mode: Muting of outputs or
Activation of inputs
(Requires Processor option)

System Uptime Record: Yes

Logging functionality: Full Events Listing
(Requires Processor option
output to MS Excel)

Ratings:

Auxiliary supply voltage: 22 to 60V DC

Aux supply current consumption: <350mA@48V DC
(Dependent upon configuration)

Alarms Output Switching: Transistor type: 50mA
or Mosfet type: 300mA

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