

# 4NG

## SMARTset MONITOR

### SMART MONITORING USING DYNAMIC DASHBOARDS

SMARTset provides a flexible and comprehensive view of your environment using powerful visual representations that are customisable and extensible

#### SMARTset MONITOR FEATURES:

- SMARTset communicates seamlessly with the low cost SMARTset Sensor Network and connects with industry protocols such as SNMP, BACnet, SigFox, Modbus, EnOcean, UPnP and HTTP(S) devices. The auto-discovery features of SMARTset make connecting to devices simple and intuitive.
- Any type of data can be gathered, scaled and visualised from temperature, pressure, flow through to power, voltage and current. Where a type isn't defined in SMARTset, simply click and create.
- Create personalised dashboards using an extensive widget suite and by selecting colour schemes and layouts. Dashboard creation is through simple, intuitive, drag-and-drop functionality.
- There is a wide range of available widgets including charts, graphs, gauges, tables, heat maps, light indicators and alarms. Also, the dashboard engine is extensible allowing custom or third party widgets to be installed, infinitely expanding its capability.
- Users can share dashboards, search for shared dashboards and add them to their favourite list, allowing quick access to live dashboards. Users can also modify a shared dashboard, simply by creating a copy.
- Powerful widget customisation means the look and feel can be modified. Plus, advanced layouts allows users to create sophisticated dashboards containing a variety of widgets in customised configurations both columnar and free-form.
- Add widgets to your dashboard using the widget selector and simply remove by sending to the trash. Dashboards are saved in real-time as they are modified.
- Easily incorporate information from other systems using the frame widget or provide completely customised integrations by creating your own modules.
- All widgets support exporting, giving users quick access to data in Excel, CSV, PDF or image formats.



## VISUAL REPRESENTATION OF YOUR ENVIRONMENT

- SMARTset dashboards create clear visual representations of environments, enabling you to identify areas of concern before they become issues. Colour and icons are used to draw attention to key areas. Alarms are displayed as an overlay, ensuring they are visible at all times.
- Specifying personal colour preferences for the dashboard and individual widgets highlights key changes in data.

## PERSONAL DASHBOARDS

- Personalised dashboards ensures you have access to required information without being overwhelmed by irrelevant details.
- Creating a new dashboard is straightforward using an existing shared dashboard as a base or starting with a blank canvas. To add widgets simply select from the widget library, associate it with a data source and drag it where required. Widgets expose configurable fields usually allowing complete personal customisation.

## CHANGING YOUR FOCUS

- Unlimited personal SMARTset dashboards can be produced, enabling you to create a suite of views, each one for a particular requirement. For example, you can create a detailed dashboard for an area undergoing significant change and switch between this detailed dashboard and others.
- Favourites enable you to keep track of your frequently visited shared dashboards and you can share these with colleagues to ensure consistency.

## DISPLAYING DATA IN PRESENTATION MODE

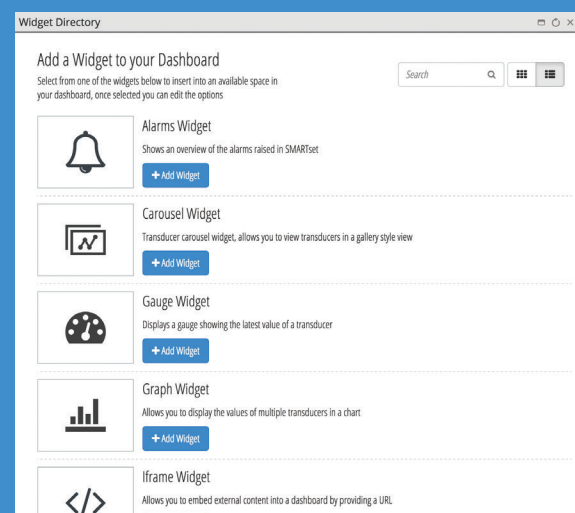
- The system supports a presentation mode for viewing dashboards. Simply select a set of dashboards to display in read-only mode as a sequence where the display moves from one to next often a user definable interval. Using this to display an overview of the current status of your environment enables teams to concentrate on other tasks whilst ensuring they remain aware of the overall system status. An ideal way to present status in the control room and the entrance hall.

## DASHBOARD INTEGRATIONS

- Create new dashboard widgets and layouts using the SMARTset plugin subsystem. Plugin developers have access to all major internal aspects of SMARTset and can add visualisations and data integrations. In your dashboard use the frame widget to easily display content from external systems simply by providing a valid URL.

## TECHNICAL DETAILS

- SMARTset Monitor can be viewed in any HTML5 compatible web browser (IE10+, Chrome, Firefox, Safari) on any platform
- Fully compatible with touch devices (iPad, Android and mobile phone)
- Custom widgets are created by non-programmers using the SMARTset JSON widget specification
- Monitor engine is compatible with SNMP, MODBUS, BACnet, RFCODE, MQTT, SigFox, EnOcean, UPnP and 4NG proprietary protocols
- SMARTset look and feel can be completely managed online using the themes manager



**www.4ng.co.uk**

Unit 2, The Village, Guards Avenue,  
Caterham-on-the-Hill, SURREY, CR3 5XL, UNITED KINGDOM

**Contact Us**  
**+44 (0)844 884 5296**