

### OSS-NG<sup>®</sup>

- **Schematics**
- **Logging**
- **Scheduling**
- **Alarm Handling**
- **Multiple Drivers**
- **Web Server**



#### Overview

OSS-NG™ is the next evolution of the well known OSS 2000™ HMI. A package that enables you to create a visual interface to any supported control or monitoring system. It is suitable for a wide range of applications as encountered in BMS and process control environments. Powerful graphics handling lets you generate and see the layout of your building and plant services on screen. Live displays of all variables such as temperature, pressure, humidity, air velocity etc. can be observed. Control parameters can be implemented or changed as required, either locally, across the internet, local network and by telephone.

#### Open System Architecture

OSS-NG has been designed from the outset with an open system architecture. This allows it to be used with any control and monitoring system for which a driver has been implemented. OSS-NG has multi-driver support. A driver is a software module that lets OSS-NG communicate with manufacturers equipment that use different software protocols. A number of drivers are already available and new drivers are being introduced as required. Drivers can also be created by the end-user or by a third party developer, using a freely available driver development toolkit.

#### Ease Of Use

Whilst being extremely powerful and full of cutting edge features, an essential requirement in the specification of OSS-NG was that it had to be simple to configure and operate. No costly training courses are required - just sit down and get started immediately. OSS-NG is supplied with a pdf user manual and has context sensitive online help. All configuration is carried out via easy to understand dialogue windows that present information in logical groups specific to the task in hand.

#### Remote Management

Users can dial into the system to remotely retrieve data or to adjust control set points using a touch tone telephone. Systems can connect over the internet, intranet or directly via a modem. Designed for both large and small applications the client/server architecture means that a client anywhere on the IT network can take control of the server PC to implement changes as required.

#### Programmability

OSS-NG supports VB scripting which, being a subscript of Visual Basic<sup>®</sup> provides ultimate flexibility. This powerful extension of the system allows alarms to be processed, calculations to be made and project specific functions to be incorporated. Links can also be created to other software such as Microsoft Excel<sup>®</sup>, offering comprehensive and flexible reporting facilities that can be automatically updated.

#### Powerful Alarm Handling

Comprehensive alarm handling make OSS-NG ideal for multi-site remote monitoring applications. All displayed values can be configured with change of colour on alarm, and alarm panels can trigger graphics as required. The built-in alarm database is fully accessible for ease of event tracking. Alarms can be filtered into different user definable panels so that alarms from multiple sites or various types of plant can be managed separately, including re-transmission options. Alarms can be re-directed to:

- Facsimile.
- E-mail.
- Pagers.
- GSM compatible telephones.
- Other PC's running OSS-NG

## Specifications

### DATA POINTS:

Unlimited

### DRIVERS:

LonWorks®  
BacNet® (Option)  
Trend®  
Modbus®  
OPC®

### CONNECTIVITY:

Internet  
Intranet  
Modem  
Telephone

### OPTIONS:

Multi user web server

### ALARM ROUTING:

PC to PC  
Email  
Fax  
GSM

### SYSTEM REQUIREMENTS:

Windows XP/2000/2003/VISTA®  
PC with 1GHz CPU  
1024 MB RAM  
30 MB Free disk space  
800 x 600 Display (or greater)  
Voice/Fax modem (optional)  
Sound card (optional)  
Internet connection (optional)

### VERSION:

Release: 3.01 or greater

## Key Features

- Dynamic Graphics
- Alarm Handling
- Logging
- Telephone Control
- Time Scheduling
- Web Server
- Remote Schematic Editing
- Multi Driver Support



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