

WebStation



Introduction

StruxureWare Building Operation WebStation is a web-based user interface for day-to-day operation in a SmartStruxure solution. WebStation comes built in with every Automation Server and Enterprise Server, and provides easy access to the software from anywhere in the world.

Features

WebStation provides a portable, fully functioning user interface to access the SmartStruxure solution servers using a web browser. Users can view and manage graphics, alarms, schedules, trend logs, and reports. User accounts can be created, edited, or removed.

Secure user accounts

Users log on using the same account for both WorkStation and WebStation. No need to remember two passwords or user names.

Language and regional settings

The software automatically uses the regional settings (units, time, and date formats) and preferred language.

Customized view of the system

The software has the flexibility to be fully customized to the viewing preference of each user. The main interface, called the Workspace, is a panel-based interface where users can select,

position, and re-size a wide variety of components, such as alarms, graphics, and editors. WebStation supports Workspace and Panel functionality without modification.

Powerful search functionality

The search function helps users quickly find information and navigate to wherever they need to go. By typing in all or part of the name, the user sees a list of all items that match. The software shows the current status or value for each item and users can open the item directly from the search list.

Efficient alarm management

Alarms need to be assessed and responded to quickly. Through WebStation, the software can present a large number of alarms in a simple and efficient way to ensure no alarm is overlooked. Alarms can be color coded, grouped, and filtered for maximum efficiency.

WebStation can even assign alarms to a user or a group of users by a dispatch center or manager. Using a filter, users can see only the alarms assigned to them and decide whether or not to accept the assignment.

Stunning graphics capability

Graphics can be customized to provide the user interface required to effectively run each facility. Graphics are stored locally in the Automation Server or Enterprise Server and are available to authorized users from wherever they log on. WebStation has full support for the same amazing vector-based graphics as WorkStation.

Robust alarm tracking

Acknowledgement and response alarms can be acknowledged with varying degrees of detail, depending on the importance of the alarm. Users can be required to enter notes or choose from a standard list to explain how the issue was resolved. WebStation can present the user with instructions or a specific view of their system that shows details of the affected equipment. The alarm log records the user's actions.

Advanced activity log

It is important to log more than basic activity. The software logs every action with a timestamp, the user who performed the action, and the values that were changed.

Easy to read trend logs and charts

The software can trend data in many ways, including a periodic method (every day, hour, minute) and a change-of-value (COV) method that only records when a defined threshold has been passed. These trend logs can be shown in trend lists and charts to visualize patterns for diagnostic and optimization purposes. Multiple series can be presented in a single chart, so that data points can be easily compared.

IT friendly and secure

WebStation is based on standard web technologies and requires no special configuration on the client or server. Platform-independent technologies make it run on most popular browsers. No Schneider Electric specific software has to be installed and maintained on the client computers.

Intuitive schedules

Energy efficiency is achieved when equipment is running only when necessary. Schedules manage that process through a graphical interface that is easy-to-use. Change times with a few simple clicks of the mouse. The powerful Schedule Editor can set up recurring events (every Monday, every third Tuesday, every January 1st) or an unlimited number of exceptions with priority levels. Schedules go beyond the basic on and off control by enabling direct control of analog values. For example, users can set schedule events to percentages to control lighting levels without writing a program.

Alarms

A SmartStruxure solution supports customized views of all system events, including alarms and user activity. Each view can be filtered on any event property. Fonts, colors, column sizes, and order can all be specified by the user.

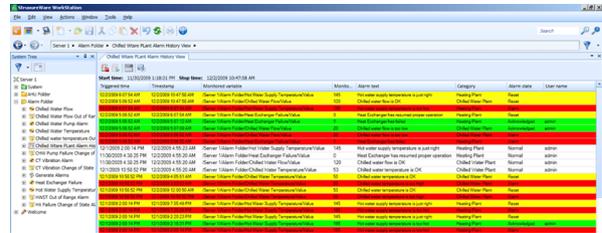


Figure: Alarms view

Trend charts

Trend charts are easy to create. The color and weight of all lines can be specified. Display of digital data is automatically shown as high and low horizontal bars, eliminating the need for additional scaling. Log data can be presented as average, minimum, maximum, or delta in addition to the actual log value itself. Users can zoom in to see details without losing clarity. A trend chart can have two different scales on the same chart to see how different data relate to each other.



Figure: Trend Chart view

Specifications

Server side

.....See Automation Server and Enterprise Server datasheets

Client-side hardware

ProcessorMinimum: 2.0 GHz
.....Recommended: 3.0 GHz or higher

MemoryMinimum: 2 GB
.....Recommended: 4 GB or higher

Hard DiskMinimum: 20 GB
DisplayMinimum: 1,024x768 pixel resolution
Other devicesMicrosoft mouse or compatible pointing device is required.

Client-side software

Web browsersMicrosoft Internet Explorer 8 (32-bit)
.....Microsoft Internet Explorer 9 (32-bit)
.....Mozilla Firefox (32-bit)
Required additional softwareJava Version 7

Part numbers

No part number for WebStation. WebStation is included as a default feature of Automation Server and Enterprise Server. Simply connect to the server using a supported web browser.