

## Software

### DWS-333: ORCAweb

#### Description

ORCAweb is an innovative, content rich web server application that allows facility managers, service personnel, and building tenants access to the building automation system with a simple web browser application. The level of access to the building automation system can be customized for a specific user.



Facility managers and service personnel can view system graphics and configuration objects, while tenants can view specific data via the Tenant Portal or Virtual Stat™.

Tenant Portals allow each tenant to view a customized web page that displays the current status of mechanical, lighting, and access systems that serve their office area. Tenants can easily set their own occupancy schedule and holidays to maximize the energy efficiency of these systems.

Virtual Stat is a simple virtual thermostat that resides within the system tray toolbar on the tenant's PC. It allows tenants the ability to display the current room temperature, outside air temperature and adjust the room temperature setpoint with the simple click of a mouse button.

#### Specifications

##### BACnet Device Profile

BACnet Operator Workstation (B-OWS)

##### Server Specifications

##### Operating System

Microsoft Windows XP Pro/  
2000/2003 Server

##### PC (minimum)

Pentium or Athlon @ 1 GHz

128 MB RAM

1 GB free hard disk space

##### Video

1024 x 768 (16 bit color)

##### Client PC Specifications

Operating System: Microsoft Windows  
98SE/NT/2000/XP

Browser: Internet Explorer/Netscape

Video: 1024 x 768 (16 bit color)

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#### Application

ORCAweb is designed for small, medium and large sized facilities that need the ability to distribute building systems information to multiple facility staff or tenants. ORCAweb can be utilized on any type of building including large university campus' or small office buildings.

Custom system graphics allow facility managers to operate their building easily and efficiently by monitoring equipment status, alarms or adjusting setpoints and schedules.

ORCAweb gives a wealth of operating power to the tenant by allowing them to adjust their own temperature setpoint and occupancy schedules right from their own PC without the use of any special software or licenses.



#### Features

- Manage HVAC, Access, and Lighting systems from anywhere in the world with a simple, web browser
- Efficiently operate building systems with real-time, three-dimensional animated graphics
- Browse the intuitive, object-oriented Navigator to monitor operational parameters, modify schedules, manage alarms and view trend logs
- Allow tenants the ability to view mechanical, lighting, and access systems serving their area and the power to change their own setpoints and occupancy schedules with the Tenant Portal
- Give tenants the ability to view room temperature, outside air temperature, and change the room temperature setpoint with the easy-to-use Virtual Stat™
- Respond to alarms and service calls and monitor the entire building automation network with a wireless PDA
- E-mail alarms and events to service personnel with the built-in Event Management System
- Integrate and seamlessly view Delta and third party BACnet devices
- Easily segregate a large site so that operators only see the graphic, controllers, alarms, and data from their own building or area
- View, print and export reports
- Integrate to OPC networks, including support for OPC read and write in graphics
- Archive and retrieve historical data for thousands of trend logs and events with the optional SQL server based Delta Controls Historian
- Integrate building systems information with business-level products using the optional Delta Controls ODBC Driver

#### Specifications (Continued)

##### Client PDA Specifications

###### PalmOS Devices

Operating System Version: Palm OS V4.0 or higher

Browser: Avantgo

Connection: Wireless modem with Internet connection from local ISP

###### PocketPC Devices

Operating System Version: PocketPC 2002

Browser: Built-in Pocket IE

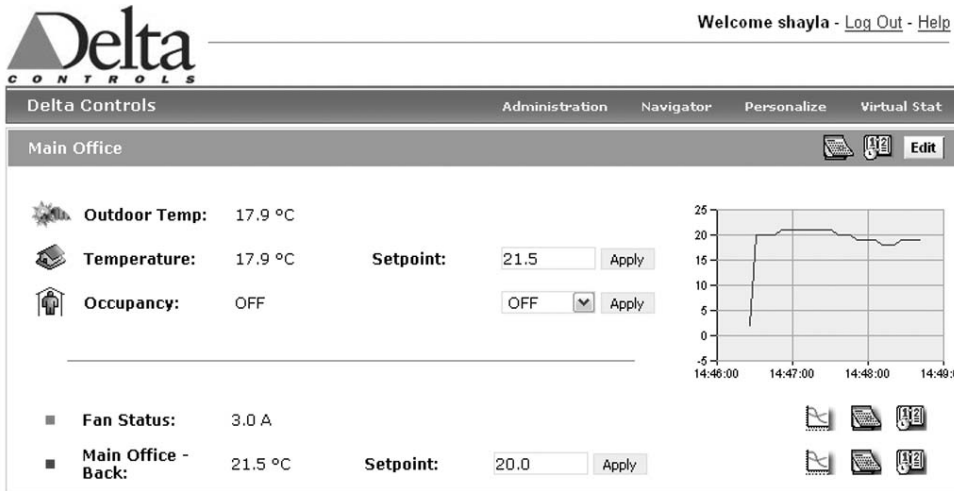
Internet Connection: Wireless modem with Internet connection from local ISP

Intranet Connection: Wireless network adapter (e.g. 802.11b or 802.11a)

Wireless Access Point to connect to the server machine

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#### Ordering

Order ORCAweb with the desired options according to the following product numbers:

DWS-333S—Delta Web Server software version 3.33 including manual and hardware key, small version (restricted to <250 I/O points)

DWS-333M—Delta Web Server software version 3.33 including manual and hardware key, medium version (restricted to <2500 I/O points)

DWS-333L—Delta Web Server software version 3.33 including manual and hardware key, large version (unrestricted number of I/O points)

DHWS-333—Delta Web Server software version 3.33 including manual and hardware key, large version (unrestricted number of I/O points), Delta Historian Server (unrestricted Trend Logs)

#### Ordering Options

Append the following extensions to indicate optional software packages (example – DWS-333M-HM-O):

- HS—Historian Small (<50 Trends Logs)
- HM—Historian Medium (<250 Trends Logs)
- HL—Historian Large (<500 Trends Logs)
- O—ODBC and DDE drivers

#### Upgrading ORCAweb

Order DWS-333-U to upgrade from previous versions of ORCAweb. Upgrade package contains the software CD and manual but no hardware key. In most cases, older hardware keys support the same options for V3.33.