

# FACILITY MANAGEMENT *Unleashed*



Manage Your Entire Facility:

- Environmental Control
- Security/Access Control
- Video Surveillance
- Alarm and Event Monitoring

. . .from a Single Browser Interface!

# Managing Your Facility Just got Easier!

Your web browser has become a familiar desktop environment. So why not use it to access your *Continuum*™ facility management system as well? Introducing web.Client from Andover Controls.

web.Client is a web application that provides a secure, convenient, and intuitive means to manage your facility from anywhere — change set points, view graphics, receive alarms — all in a web browser environment. Whether your application is total system integration, simple climate control, or security only, web.Client is the software solution for you.

## **web.Client — Simplifying Facility Management**

VP Office

### ● Delegate Tasks

web.Client saves you time by delegating the day-to-day control and monitoring of comfort and lighting levels, alarms, and access privileges to the individuals in your organization who have a vested interest in managing their own areas. Using web.Client, the IT Director can issue access to the computer lab only to the employees he designates; the receptionist can make a quick adjustment to the temperature in the front lobby; and a security guard can immediately retrieve a recorded video clip on activity that took place in a selected area of the building.

The result? Tighter, more precise control at the departmental level, while freeing up more time for the central facilities staff to concentrate on the operational tasks, rather than the day-in, day-out administrative tasks.



### ● Expand Accessibility

With web.Client, there's no need to purchase multiple dedicated workstations. With all your necessary building data centralized on one *Continuum* server, authorized users can log on to web.Client from any PC with a web browser — *anywhere* on the network.



And because web.Client uses the same password-protected log-on accounts with the same edit and execution privileges as the *Continuum* workstation, user security is unchanged. In addition, any graphics, schedules, points, groups, personnel, and

areas created in the *Continuum* workstation are instantly available to web.Client users with the appropriate security privileges.

Reception

### ● Reduce Installation and Training Costs

Eliminate set-up nightmares! web.Client comes pre-configured right out of the box! Just install the software once on a central application server and you'll be up and running in no time! There's little or no training required, and on-line help, if you need it, is built in.

The software is designed so each user can log on quickly and see only the information they are authorized to see and access only the features they need for their job. web.Client's intuitive web pages display quickly on each user's PC.


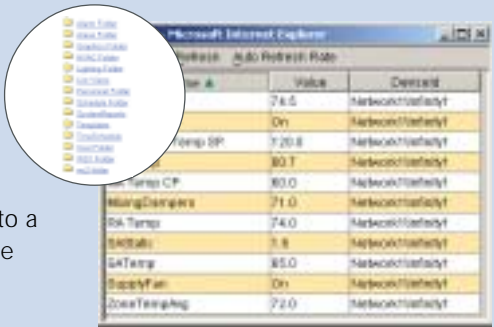







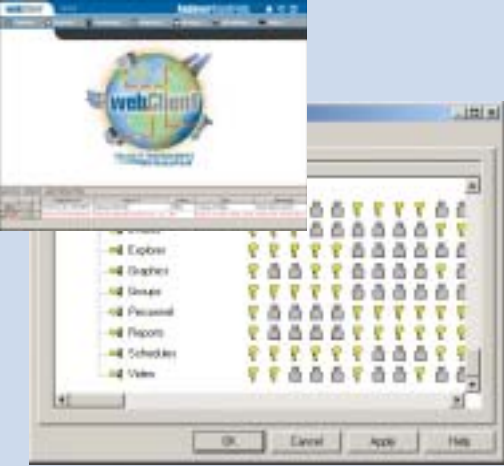
Fitness Center

## web.Client is Available in Two Different Versions:

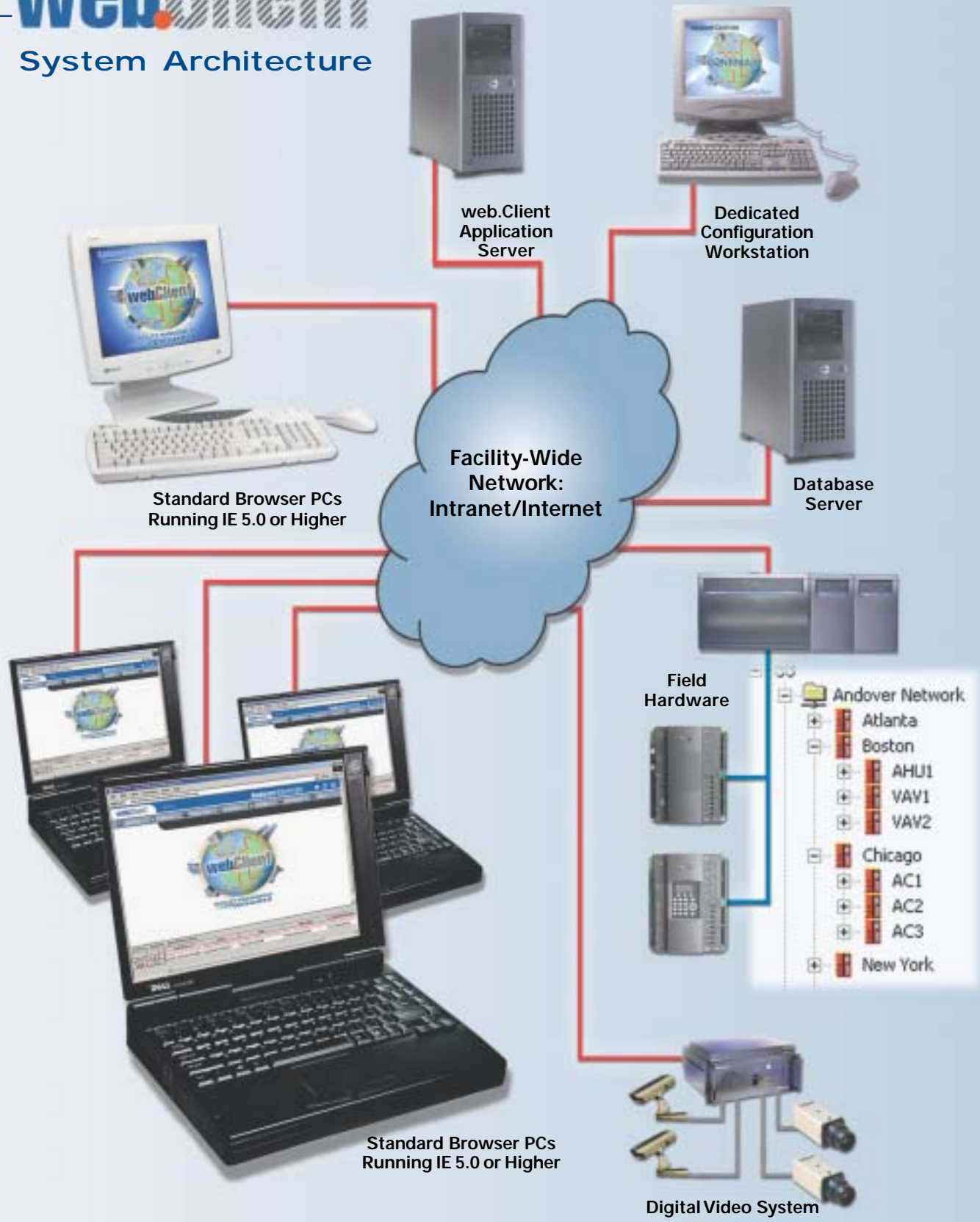
- **web.Client Personnel Manager** provides authorized users a focused set of tools for managing personnel records and viewing access events.
- **web.Client Pro** is an expanded package and is designed for *complete Continuum* facility management. Along with all of the features found in the Personnel Manager version, Pro is the first system that allows you to integrate all of your building's systems — HVAC, lighting, card access, digital CCTV, etc. — into a *single* browser application.

### Which version is right for you?

Pro	Personnel Manager	Features	Sample Screens																																				
●		<p><b>Dynamic Graphics</b></p> <p>web.Client uses your existing <i>Continuum</i> graphic panels! Pull up a floor plan to view temperatures, door status, humidity, or air quality information in your building; check the status of air handlers, chilled water systems, and lighting; or monitor power consumption and demand. Need to make a quick adjustment? Just click on an equipment schematic to turn it on or off or adjust the setpoint.</p>																																					
●		<p><b>Convenient Search Tools</b></p> <p>Quickly search for specific points using filtered search boxes or view your entire database using web.Client's "Explorer". Click on a point to edit its value and/or enable/disable it. Or view a group of all the inputs and outputs related to a specific piece of equipment. Perfect for the service technician!</p>	 <table border="1"> <thead> <tr> <th>Point</th> <th>Value</th> <th>Default</th> </tr> </thead> <tbody> <tr> <td>Temp SP</td> <td>74.5</td> <td>Network/Factory</td> </tr> <tr> <td>Temp SP</td> <td>On</td> <td>Network/Factory</td> </tr> <tr> <td>Temp SP</td> <td>72.0</td> <td>Network/Factory</td> </tr> <tr> <td>Temp SP</td> <td>80.0</td> <td>Network/Factory</td> </tr> <tr> <td>Temp SP</td> <td>80.0</td> <td>Network/Factory</td> </tr> <tr> <td>Temp SP</td> <td>71.0</td> <td>Network/Factory</td> </tr> <tr> <td>Temp SP</td> <td>74.0</td> <td>Network/Factory</td> </tr> <tr> <td>Temp SP</td> <td>73.8</td> <td>Network/Factory</td> </tr> <tr> <td>Temp SP</td> <td>85.0</td> <td>Network/Factory</td> </tr> <tr> <td>Temp SP</td> <td>On</td> <td>Network/Factory</td> </tr> <tr> <td>Temp SP</td> <td>72.0</td> <td>Network/Factory</td> </tr> </tbody> </table>	Point	Value	Default	Temp SP	74.5	Network/Factory	Temp SP	On	Network/Factory	Temp SP	72.0	Network/Factory	Temp SP	80.0	Network/Factory	Temp SP	80.0	Network/Factory	Temp SP	71.0	Network/Factory	Temp SP	74.0	Network/Factory	Temp SP	73.8	Network/Factory	Temp SP	85.0	Network/Factory	Temp SP	On	Network/Factory	Temp SP	72.0	Network/Factory
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●		<p><b>Live Alarm &amp; Event Viewing</b></p> <p>From invalid door access to a high temperature alarm — <i>Continuum's</i> powerful alarm management system can be accessed in web.Client. Alarms update automatically in web.Client's Active Alarm View, color-coded based on priority. Authorized users can acknowledge them and take appropriate action. And web.Client also provides a live view of every card access transaction as it's happening.</p>																																					
●		<p><b>Powerful Video Integration</b></p> <p>Combine the simplicity of web.Client with the power of Andover's digital video capabilities and you have a comprehensive digital video surveillance system right on your desktop PC! web.Client can monitor live streaming video from any DVX digital video recorder on the network. Easily search and retrieve stored video from any camera for a specified time interval.</p>																																					

Pro	Personnel Manager	Features	Sample Screens
●	●	<p><b>Calendar-Based Schedules</b></p> <p>Let web.Client users with a vested interest in a specific area schedule the applications for that area — when equipment runs, when lights are on, when people have access, and when doors are locked. And with web.Client, the delegated users can make those last-minute schedule adjustments themselves, saving valuable time for the building's facility and security staff.</p>	
●	●	<p><b>Easy-to-Use Personnel Editor</b></p> <p>Forget complicated data entry forms! web.Client's "Personnel Editor" screen lets you add or delete a personnel record, assign and modify area access rights and schedules, or add a contractor card easily. Using the web.Client "Search" screen, search for personnel by several personnel attributes including name, department, card number, etc.</p>	
●	●	<p><b>Flexible Personnel Reports</b></p> <p>web.Client's flexible reporting capabilities let you retrieve, preview, or print, reports using the exact selection criteria to meet your needs. Sort an Access Event Report by door, by person, by date, or by event type. View an Area Report for a listing of personnel who have access permissions for a specific area or simply to monitor all valid and invalid access attempts into it.</p>	
●	●	<p><b>User Security and Logging</b></p> <p>Because the central database in web.Client may be partitioned, for example, by site, by building, by function, by department, etc., users have access only to certain items in the system. And user security in web.Client is identical to that in the <i>Continuum</i> workstation, so the same log-on accounts and permissions apply. In addition, web.Client's interface is customized for each <i>type</i> of user — only the functions or features they have permission to use are available. All user action is logged centrally for complete audit trail analysis.</p>	

# webClient™ System Architecture



## Specifications

web.Client requires a *Continuum* LAN system, revision 1.5 or greater, comprised of at least one dedicated workstation *plus* the following web.Client specific requirements:

### Application Server:

Operating System: MS Windows NT Server 4.0; Windows 2000 Server Professional  
Internet Server: MS Internet Information Services (IIS) 4.0 or higher with Active Server Pages (ASP) enabled  
Minimum Hardware: Pentium III 700 MHz, 512MB RAM, CD-ROM, Parallel or USB port

### Client Browser:

Windows 98/NT/2000/XP PC running MS Internet Explorer 5.0 or higher, Java-enabled, 18-30MB minimum hard drive space.

### Network Connectivity:

TCP/IP. web.Client Pro graphics viewer uses DCOM and requires local LAN connection or high-speed VPN connection to the application server.

### User Security:

*Continuum* user accounts (encrypted). Database may be partitioned such that users have access to only certain collections of objects in the system. Examples include partitioning by site, by building, by function (HVAC or security, etc.), by department.

### User Auto-Logoff:

Yes, after 20 minutes of inactivity that can be customized by administrator.

**Encryption:** Support for IIS Secure Socket Layer (SSL)

**Maximum Simultaneous Users per Server:** 25  
(contact Andover Controls if you require more than 25)

**Additional Server RAM Required per Connection:** 5MB

**Maximum Card Records in Database:** 4 million

**Maximum Card History:** Limited only by disk space

### Video Integration:

Live and recorded video from digital video recorders. Supported DVR's: Integral DVX 2.2 or higher, and *XPress* Integrated 1.1 or higher.

**Licensing:** web.Client is available in two versions:

- web.Client **Personnel Manager** includes: personnel editing, reporting, and scheduling
- web.Client **Pro** includes: graphics, alarms, live event window, groups, explorer/search, video integration, plus the Personnel Manager features

In addition, web.Client is sold by the number of concurrent users connected to the application server. Both versions are available in packages for 5, 10, 15, 20, and 25 concurrent users. You cannot mix Personnel Manager and Pro versions on the same server. Licensing managed from a parallel or USB port key on the web.Client application server.

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