In today's buildings, the power of an innovative, easy-to-use building automation system is a big deal.

The Automated Logic® WebCTRL® building automation system offers an intuitive user interface and powerful tools to help facility managers keep occupants comfortable, manage energy conservation measures, identify key operational problems, and analyze the results. And, best of all, this can all be done anytime/anywhere, through a variety of Internet devices, from desktop PCs to web-enabled cell phones and tablets.

WebCTRL systems provide local to global energy management and control, and easily interface with all major electrical and mechanical subsystems in the building. With these capabilities and more, facility managers can access, configure, and manage building control systems in ways that best serve their operating needs and budget.

Key Features and Benefits

- Powerful, comprehensive building management with intuitive, point-and-click graphical access
- Dynamic color floor plans convey a quick understanding of building conditions
- Customizable graphics, schedules, trends, reports, and alarms
- Inherent WebCTRL Environmental Index™ tool for measuring, analyzing, and comparing comfort conditions against setpoints, helping you balance comfort with efficiency
- Powerful WebCTRL Time-lapse™ graphics for analyzing and troubleshooting up to 24 hours of past building operation
- Built-in Fault Detection and Diagnostics (FDD), to help anticipate, provide insight, and automatically respond to building issues
- Readily participates in energy rebate programs using the OpenADR® 2.0 protocol
- Optional EnergyReports™ analysis package can be added to analyze, compare, and normalize building energy consumption data over different time periods
- Optional Eco-Screen® sustainability kiosk software can be added to showcase building systems and energy efficient building features to occupants and visitors
- Easily integrates to other building systems and third party software using BACnet, Modbus®, LonWorks®, and other third party protocols
- Fully compatible with Automated Logic legacy systems

The WebCTRL® building automation system gives you the ability to understand your building operations and analyze the results. The WebCTRL system integrates environmental, energy, security and safety systems into one powerful management tool that allows you to reduce energy consumption, increase occupant comfort, and achieve sustainable building operations. Our web-based platform allows building managers to control and access information about their HVAC, lighting, central plant and critical processes on premises or remotely at any time of day.
**Specifications**

### Client Requirements

**Server Specs:** Dual core processor, 1.5 GB RAM, 10Mbps or higher LAN communications
Supports PCs running Windows® and Apple® (Mac®) PCs running Mac OS X® and Linux®

**Mobile Devices:**
- Smart phones: Android®, iOS
- Tablets: Android, iOS, Surface™

**Browsers:**

<table>
<thead>
<tr>
<th>A computer with this operating system</th>
<th>Supports these web browsers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows</td>
<td>Google™ Chrome™ v66.0 or later 1</td>
</tr>
<tr>
<td></td>
<td>Internet Explorer® v11 Desktop</td>
</tr>
<tr>
<td></td>
<td>Microsoft® Edge v40 or later</td>
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<tr>
<td></td>
<td>Mozilla® Firefox® v60.0 or later</td>
</tr>
<tr>
<td>Mac OS X (Apple Mac only)</td>
<td>Safari® v11 or later 2</td>
</tr>
<tr>
<td></td>
<td>Google Chrome v66.0 or later</td>
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<tr>
<td></td>
<td>Mozilla Firefox v60.0 or later</td>
</tr>
<tr>
<td>Linux</td>
<td>Google Chrome v66.0 or later</td>
</tr>
<tr>
<td></td>
<td>Mozilla Firefox v60.0 or later</td>
</tr>
</tbody>
</table>

### Server Requirements (server sold separately)

**Specs:** Dual core processor, 2G RAM, 10Mbps or higher LAN communications
Supports PCs running Windows and Apple (Mac) PCs running Mac OS X

**OS:** The following operating systems in 64-bit versions:
- Windows 10 Professional
- Windows Server 2016
- Windows Server 2014
- Red Hat Enterprise Linux 7.4

**Database:**
- Apache Derby (default database engine-included with purchase)
- The WebCTRL® v7.0 system supports the following and database engines are sold separately:
  - SQL Server® Express 2017, 2016, 2014
  - Oracle 12c
  - PostgreSQL 9.4 and 10

**Security:**
- Supports TLS (Transport Layer Security) v1.2 with 128 bit encryption between client and WebCTRL server

**Supports:**
- Unlimited simultaneous users
- Hierarchical server configuration for very large systems
- Communication to field controllers via BACnet (TCP/IP)

**Languages:**
- International English, Brazilian Portuguese, French, French Canadian, German, Italian,
  Japanese, Korean, Russian, Simplified Chinese, Swedish, Thai, Traditional Chinese, Vietnamese

**BACnet:** Advanced Operator Workstation (B-AWS) supporting BACnet Revision 12

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