

WEBCTRL[®] PREDICTIVE INSIGHTS

Powered by Abound[®]

Automated
Logic



ENHANCING BUILDING AUTOMATION WITH ARTIFICIAL INTELLIGENCE (AI)

Downtime, energy waste, and unexpected equipment failures erode your bottom line and disrupt occupant comfort.

WebCTRL Predictive Insights, powered by the Abound IoT platform, is an optional extension to the WebCTRL building automation system (BAS). It empowers users to move beyond reactive maintenance by adding artificial intelligence (AI) to the WebCTRL system. Once connected, it delivers actionable insights and recommendations that help you proactively manage connected assets like HVAC equipment and controls, aiding in failure prevention and optimized performance.

KEY BENEFITS

- **Proactive Problem Prevention:** AI-powered anomaly detection and predictive algorithms help predict and resolve equipment issues before failure.
- **Optimized Energy Efficiency:** AI-driven insights aid in optimizing energy use by pinpointing waste and guiding targeted adjustments. We've helped a major multi-site customer save over 10% in energy costs over a 4.5-year period.¹
- **Reduced Operational Costs:** Proactive interventions and optimized system performance analysis help minimize maintenance expenses and extend equipment lifespan.
- **Enhanced Asset Reliability:** Continuous monitoring, diagnostics, and predictive maintenance recommendations aid in improving BAS and HVAC system dependability.
- **Actionable Intelligence:** Receive clear, prioritized recommendations with specific guidance for efficient resolution.
- **Secure and Reliable:** Ensure your building automation and controls remain secure, current, and free from critical errors.
- **Expert Assistance:** Act on insights independently or collaborate with our expert team through advisory and managed services.

INTUITIVE INSIGHTS ASSISTANT APP

Access critical insights anytime, anywhere with our user-friendly app for desktop and mobile devices. Features include:

- **24/7 Monitoring and Alerts:** Receive real-time notifications and alerts about potential issues, ensuring you're always in the know.
- **Predictive Insights and Recommendations:** Gain clear, prioritized recommendations on equipment performance issues, empowering you to take informed action.
- **Customizable Dashboards:** Visualize building data at portfolio, site, and equipment levels with customizable dashboards and reporting tools.
- **Trend Analysis and Reporting:** Analyze historical performance trends, generate reports, and gain valuable insights for continuous improvement.
- **Role-Based Workflows:** Streamline team productivity and efficiency with role-specific workflows and task management tools.
- **Multi-Language Support:** English, Spanish, French, German, Italian, Dutch, Turkish, and Mandarin



WebCTRL[®]

The WebCTRL building automation system gives you the ability to understand your building operations and analyze the results. Integrate environmental, energy, security and safety systems into one powerful management tool that helps you reduce energy consumption, increase occupant comfort, and achieve sustainable building operations.

¹ The customer used the Abound Insights Assistant app along with our managed services offering.



SUPERCHARGE EFFICIENCY AND SAVINGS WITH ADD-ON SERVICES

Our service packages are designed to assist you in reaching your facility objectives through expert consultation (**Abound® Advisory Services**) and comprehensive management (**Abound Managed Services**). We start by thoroughly understanding your specific goals, such as enhancing comfort, optimizing equipment performance, and improving energy efficiency, and then work closely with you to achieve those goals. Our state-of-the-art command centers enable us to provide remote assistance 24/7, 365 days a year.

ABOUND ADVISORY SERVICES

Abound Advisory services help your facilities team meet their goals. We analyze insights and provide expert recommendations on how you can fine tune your equipment and systems for optimum performance.

Service Tiers

Base Tier (AI-Driven Insights and Bi-Weekly Reporting):

- We analyze facility insights and provide bi-weekly reports to you.
- Reports include a prioritized list of recommended actions based on urgency and impact so you can create action plans.

Advanced Tier (adds Follow-Up Reporting):

- Every two weeks, you will receive an updated report highlighting improvements based on your action plans, as well as a list of any new issues.

Premium Tier (adds the following):

- We analyze performance analytics for equipment, aiding you in repair versus replace decisions.
- We provide an annual report based on equipment/system performance analytics, citing recommendations for upgrades or modernization

ABOUND MANAGED SERVICES

Managed services allow our team of experts to act as an extension of your facilities team, acting on the insights provided. This allows you to focus on your core operations.

Service Tiers

Base Tier (AI-Driven Insights and Bi-Weekly/Follow-up Reporting):

- We create action plans based on urgency and impact and then report back to you. We will:
 - Open work orders in your work order system.
 - Track and monitor the progress of work orders until they are resolved.
 - Deploy field technicians to resolve issues.
 - Provide planned remote support for field technicians.
 - Deliver comprehensive reports on problem resolution.

Premium Tier (adds the following):

- We enable you to make informed repair versus replace decisions.
- We provide an annual report based on equipment/system performance analytics, citing recommendations for upgrades or modernization projects with benefits and payback (ROI).