

Web-based building management made easy



iWorx. Flexible and cost effective.

iWorx from Taco Electronic Solutions is the first affordable web-based building management, monitoring and control system designed specifically for the light commercial and high-end residential markets.

iWorx delivers a flexible, easily-scalable means of complete building control for both single locations and multi-building, multi-site installations from retail stores, offices and restaurants to apartments, religious buildings and single family residences. As a single source, fully integrated HVAC system control package,

iWorx can reduce equipment operating and maintenance costs while maximizing building comfort and owner asset value.

Freedom from proprietary platforms

Every iWorx controller is ready to run out of the box. The LON-based, open protocol backbone of iWorx features application- and equipment-based controllers that are pre-programmed. There's no software to buy or learn, no complicated field commissioning, and no subscriptions to buy. Just input set points then start controlling and monitoring the

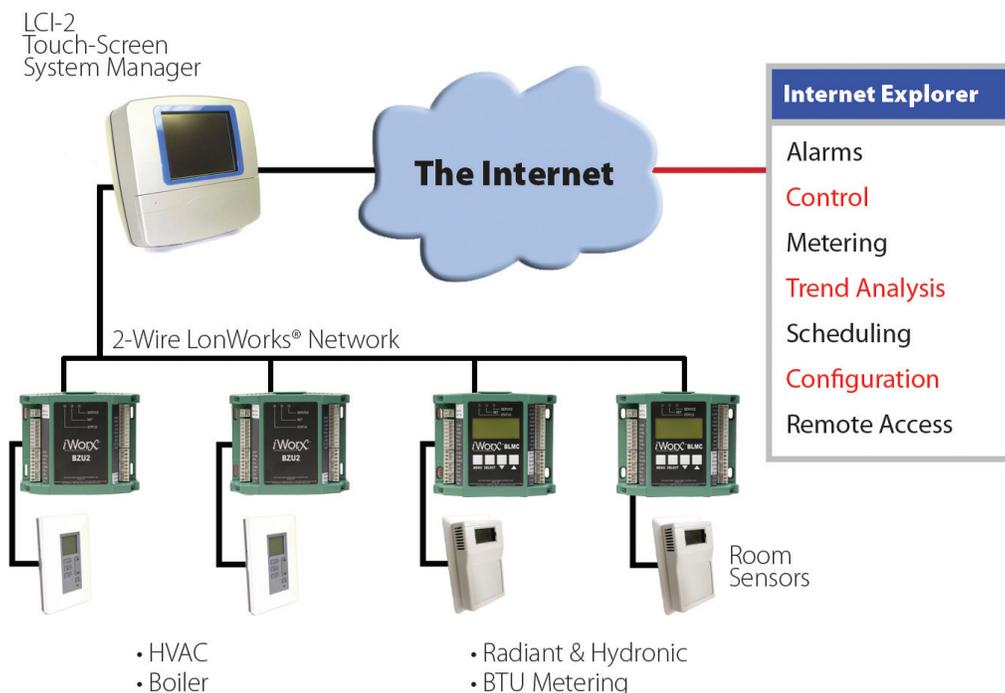
system on-site or through a web-enabled device.

You no longer have to feel like you're being held hostage by a controls giant for the life of the building just to get the advanced system performance and cost control you desire.

Self-configuring controllers

When new devices are introduced, the menu-driven, touch-screen controller (LCI-2) recognizes and integrates them into the system automatically. With one-touch integration adding more

The architecture





iWorx controllers is as simple as connecting a USB device to your home or office PC.



Typically, an iWorx system consists of an LCI-2 local controller plus one or more equipment

specific controllers and/or sensors linked via a 2-wire, 24 volt, non-polarity sensitive LonWorks network. Connection to the internet is made through the LCI-2.



Controllers are also available with an iView™ display which allows for easy programming right at the piece of equipment and can be used in a stand-alone capacity or as part of the network.

Manage your system from anywhere

iWorx allows you to take total control over energy usage and HVAC equipment operation from any web-enabled PC. Since iWorx is built around thin client web access you get the exact same look, feel and control ability over the system and its components from anywhere in the world. iWorx can even notify you or anyone you choose via e-mail, phone or text message in the event of a system problem or alarm.

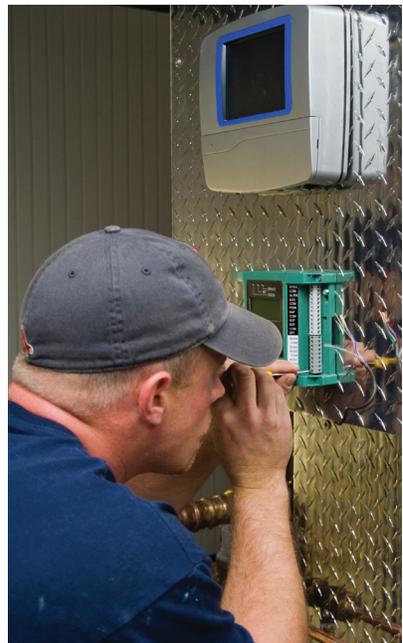
At last, air & water play nice!

iWorx controllers are available for a broad range of HVAC and hydronic based applications and functions. There are iWorx controls for modulating, staged or single boiler control, for snow melt, radiant zones and mixing control, or even for operating forced air furnaces, air handlers, VAV's and chillers, to name a few. iWorx controller's one-touch integration, pre-programmed software functionality and easily

scalable nature allows them to be mixed and matched to handle the demands of almost any light commercial or high-end residential system.

Energy monitoring

For new energy applications and multiple unit buildings we have gone one step further: BTU Metering. Now heat metering can be seamlessly integrated as part of an iWorx system, helping to preserve the building owner's asset value.



BTU metering allows for the cost of heat to be fairly divided up amongst tenants based on actual usage while also encouraging energy conservation. Some studies indicate an energy use reduction of at least 20 percent based on "user incentive" to conserve energy. With a BTU metering option, cost-saving system designs like a centralized boiler plant with a single gas meter can be more easily employed as part of the building's design.



Selection & specification made easy – online!

We've created an online iWorx Selection Wizard for contractors and design engineers that lets you create and specify iWorx projects in minutes. Just answer a few simple questions about the type of job and the iWorx Selection Wizard does the rest. In minutes, you have a complete submittal package that includes wiring and air flow diagrams, bill of

materials, sequence of operations, associated instruction manuals and complete job specifications.

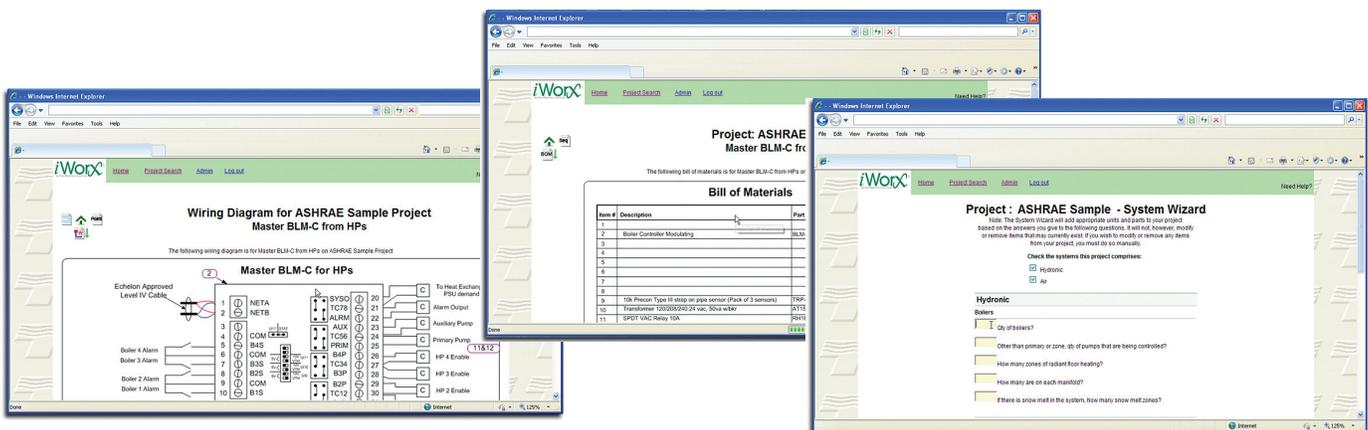
Exceptional value, terrific opportunity

For owners and managers of smaller commercial buildings, iWorx provides affordable big-building intelligent control capabilities in a modular, scalable, easy-to-use, internet-enabled system. For HVAC contractors,

iWorx systems are a significant means to expand their business with integrated HVAC and smart building control products and services into the new energy, mixed HVAC and hydronic system markets.

Visit us online.

Learn more about iWorx at www.taco-hvac.com.



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