Overview

iWORX is the next generation software suite that leverages powerful tagging and data modeling providing the most efficient workflows and flexible development environment. iWORX is a software technologythat combines the core functionality of a Building Automation System (BAS) for connecting and controlling devices, with the added benefits of a Building Operating System (BOS) to manage and leverage data. The technology features an HTML5 interface based on a "mobile first" design strategy — this means that the user experience is exceptional on a phone, tablet, and desktop.

Features

Complete BAS System

- Graphics, KPIs and Dashboards
- Alarms
- Schedules
- Historian
- Equipment Summaries
- Control and Scripting Logic
- Weather and Forecast
- Notes

Advanced BOS Capabilities

- Graphics Builder
- Database Builder
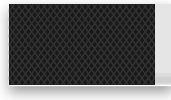- Query Builder
- Haystack Tagging
- Data Modeling

Browser-based

- Configuration Tools
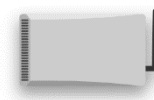- End User Desktop
- End User Mobile Tablet/Phone

System Architecture

| Cloud Services | Workstation | Global Controller | Device |

iWORX can run at every level of the architecture.
This flexibility can be incorporated to meet job specific requirements.
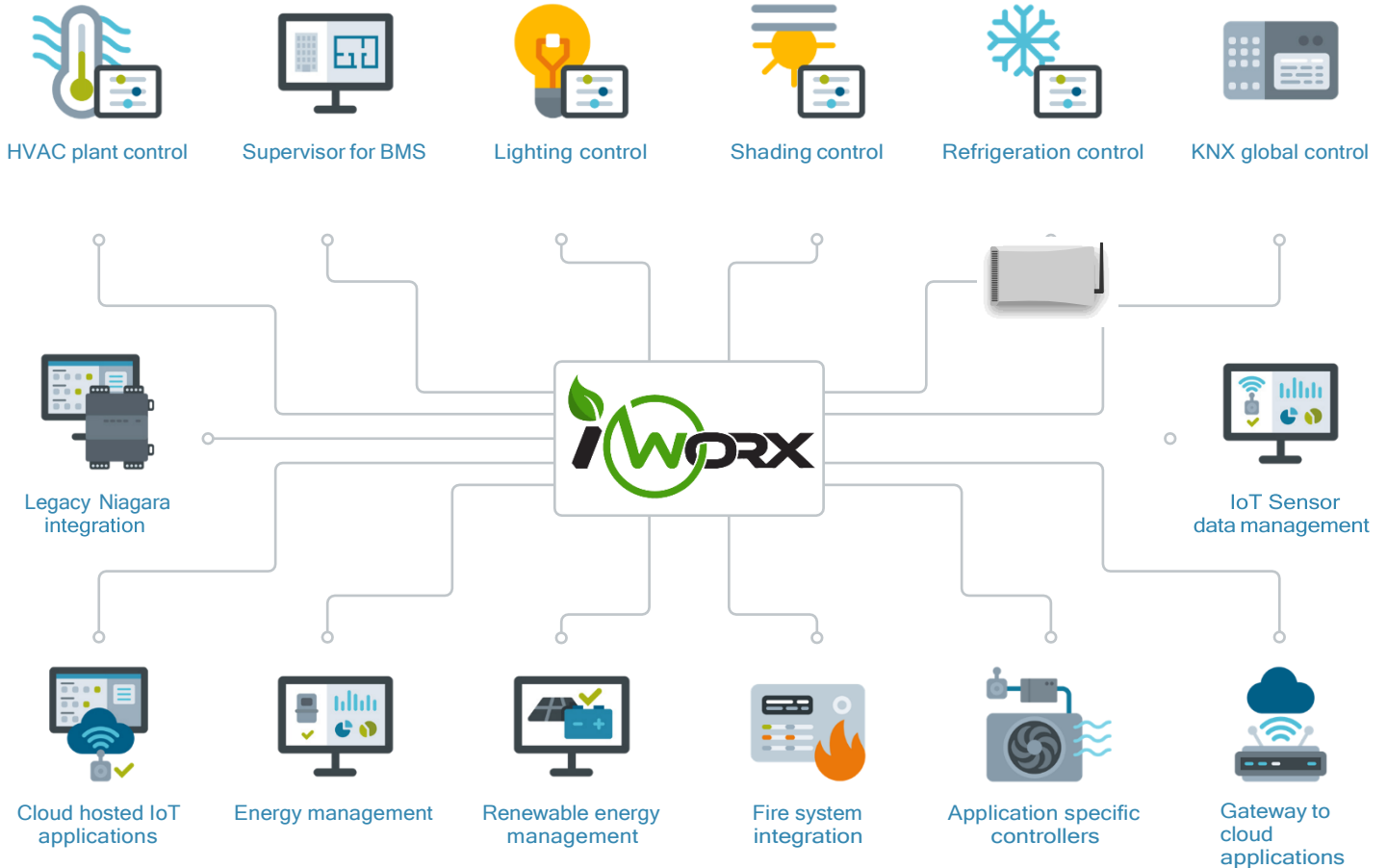
Ordering information

Part Number	Description
IWX-00100	iWORX license for capacity (CAP) of 100 points
IWX-00500	iWORX license for capacity (CAP) of 500 points
IWX-0001K	iWORX license for capacity (CAP) of 1K points
IWX-0002K	iWORX license for capacity (CAP) of 2K points
IWX-0005K	iWORX license for capacity (CAP) of 5K points
IWX-0010K	iWORX license for capacity (CAP) of 10K points
IWX-0050K	iWORX license for capacity (CAP) of 50K points
IWX-0100K	iWORX license for capacity (CAP) of 100K points
IWX Maintenance	Annual Maintenance is a key ingredient in our strategy to keep the server always up-to-date with our latest innovation and assures that the product is following the latest requirements of Cyber-Security, system stability and system compatibility with latest Operating Systems (e.g. Windows, LINUX, Java).

Capacity units or CAPs are defined as data that is modeled in the real-time database. Histories or HIS are defined as data that is collected in the historian database.

iWORX - Specification Data Sheet

iWORX brings big data into a more manageable environment and then applies advanced applications for scheduling, command/control, logging, alarming, and visualization.

HVAC plant control

Supervisor for BMS

Lighting control

Shading control

Refrigeration control

KNX global control

Legacy Niagara integration

IoT Sensor data management

Cloud hosted IoT applications

Energy management

Renewable energy management

Fire system integration

Application specific controllers

Gateway to cloud applications

Full functionality on all devices

Implements responsive web design and a mobile first focus. Utilizes browser based tools and embraces the HTML5 standard. Runs full application suite functionality across all devices.