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## Ubiquity

Client-Server Facilities Operations  
Solution

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## Description

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Ubiquity is a centrally hosted application that allows the user to interface with a controller network utilizing a QD2020i (Dial-up ISP), QD2020ie (Ethernet) or QD2040 (Embedded) without the requirement of any additional installed software. Users require a connection to the internet and a browser (I.e. Microsoft Internet Explorer) for access to all the functions. In addition to the HVAC network programming interface, Ubiquity also provides broader functions such as Energy Monitoring, CMMS (Computerized Maintenance Management System) functions, Asset and Contact management, saving reports, and other features.

### Ubiquity features:

- Can be used for initialization of HVAC networks utilizing the auto-detect functions, and simple programming interface for configuring all the thermostats and controllers
- Actively monitor live data and alarms from the network at any time.
- Create unlimited custom alarm distribution lists dictated by the type of alarm. Alarms are sent via email, or to a text enabled pager or cell phone.
- Globally add or change program settings, alarms, or schedules across multiple sites.
- All data from the network is monitored and trended
- Limit access to specific parts of the site for different types of users
- Dynamic reporting functions for Trended Information, User Access, Alarms, or Maintenance
- Curtailment routines triggered by energy consumption or demand
- Preventive Maintenance and Reactive Maintenance functions
- Asset and Contact Management

## Specifications

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**Software Requirements:** Optimized for Microsoft Internet Explorer 5.0 or later. Functional with Netscape Navigator 6.0 or later and Firefox 1.0

**Monitor Resolution:** Web Site optimized for 800 x 600 monitor settings

**Connectivity Requirements:** Internet connection with browser cookies enabled.

**Additional Browser Configuration:** Security settings should be set to default. Java must be enabled (Browser default setting).

**Security:** Log-in utilizes SSL (Secure Socket Layer) technology for maximum security

**Data Storage:** All data stored on the TCS server is stored anonymously. See privacy policy on [www.ubiquitysystems.net](http://www.ubiquitysystems.net) for further details

**Hardware Connectivity Requirements:** QD2020i requires a dedicated phone line and ISP (Internet Service Provider). The QD2020ie requires access to an ethernet (RJ-45 network) with access to the internet (A communications port must be open).

The QD2040 communication options include dial-in phone line. Dedicated phone line to ISP or ethernet connectivity. The QD2040 can act with the Ubiquity server or stand-alone.

Specifications subject to change without notice