Ubiquity™ Software Application

- **Simple Control of:**
  - **Home Theaters and Distributed AV**
  - **Lighting, Curtains, HVAC, Security**
- **Timer Events and Button Automation**
- **Point & Click Configuration**

Controller also works with a number of touch screen interfaces like ones from Philips, Universal Remote and any that support a web browser.

Configurable Software Application

The Ubiquity™ configurable software application from Destiny Networks delivers simple and reliable control of home theaters and other entertainment systems throughout the home. It also provides simple control of lighting, curtains, heating and cooling systems, security systems and much more – *without the need to learn or use a programming language*.

Simple Control of Home Theaters

The Ubiquity™ configurable software application running on a Domain Controller (such as the Domain 3000) and communicating with a hard-button remote control (such as the RC-1), provides the simplest way possible to control a home theater. Press one of the clearly labeled source buttons, and the Domain Controller, which is co-located with your AV components, responds by sending all the necessary commands to turn on and set up all the appropriate components in your theater. The commands are sent from the controller, not the remote, so there is no need to continue pointing the remote at the equipment for long periods of time. Now press "Pause" and since the controller knows what you were watching, it sends the pause command to the correct component. It's really that simple.

High Tech Interfaces

In addition to the simplicity offered by hard-button remote controls, the Ubiquity™ configurable software running on a Domain

Simple Control of Distributed AV

The Ubiquity™ software provides excellent support for controlling music and video in other rooms of the home, too. Control a centralized TiVo-like video recorder or a local DVD player with the touch of a single button. Add cameras to view who is at the front door or who is swimming in the pool.

Lighting Systems

The Ubiquity™ configurable software application provides two-way communications with a number of lighting systems including those from LiteTouch, Lutron, Vantage, and systems that are compatible with the X.10 and Z-Wave protocols. Lighting scenes are automatically created by the Ubiquity™ software and can be easily modified by the user. Also, you can set up keypads to control more than just lighting. Use your entertainment remote control to dim the lights when the "play" button is pressed and use the "pause" button to raise the lights just enough to see to exit the room. Use you lighting system keypad to turn off all the lights and all of the entertainment systems in your home as you walk out the door.

Relay-Controlled Devices

The Ubiquity™ configurable software application enables automatic control of may types of relay-based devices including curtains, windows, fans, fireplaces, sprinklers, and many more. For example, you may use your entertainment remote control to close the

curtains in your theater room when you want to watch a movie. Create timer events to control your sprinklers.

Heating and Cooling (HVAC) Systems

The Ubiquity™ configurable software application works with the Aprilaire and RCS heating and cooling systems – providing control of those systems via your PC or touch screen display, or through may other types of user interfaces such as an entertainment remote control, a lighting system keypad button, and/or a timer event. Set the temperature in your home from the Internet or use your entertainment remote control to raise or lower the temperature in the room you are in.

Security Systems

The Ubiquity™ configurable software application communicates with the GE NetworX NX-8E (Caddx) and Apex Destiny 6100 security systems. Bring up a representation of the security keypad on your PC or touch screen or make one of the buttons of your entertainment remote control arm the security system.

Timed Events

The Ubiquity configurable software application provides an extensive set of functionality for controlling your home electronics by time of day or time relative to sunrise and sunset. You can easily create events to turn components and devices on and off. Choices include:
  Daily (e.g., every 4th day),
  Weekly (e.g., every 3rd week on Mon),
  Monthly by day (e.g., the 4th Wed of the
    month),
  Monthly by date (e.g., the 16th of the month),
  Yearly by date (e.g., the 9th of Sept).

Buttons

Creating events that happen when a button is pushed is just as easy as creating timed events. The buttons can be soft buttons that are displayed on any browser interface, or they can be buttons on a keypad in a particular room of the house. For example, use a button on your lighting system keypad to turn on the TV to a favorite channel, turn down the lights, and close the curtains as you walk in the door of your home theater; or create one to turn on all the outdoor lights and another one to turn them off.

Browser Interface

Ubiquity's Graphical User Interface runs on the newer versions of most web browsers (see system requirements below). Therefore, PCs instantly become a platform for monitoring and controlling your home. Similarly, the new Tablet PCs SmartDisplays, and laptops, which are available in many sizes, shapes, and prices, can also act as your user interface.

Secure Internet Access

Just as any PC in your home can monitor and control all of the electronic components in your home, similarly, any computer connected to the Internet may have access to the same functionality. However, these computers require multiple levels of authentication and use a secure, encrypted protocol to communicate to your home, thereby, ensuring the highest level of protection while still providing the desired functionality. A wide range of VPN and remote access products are compatible with Ubiquity.

Configurable Keypads

A beautiful interior design should not be marred by multiple keypads for each intelligent subsystem. Using the Ubiquity software, keypads from many manufacturers may be used to control multiple independent subsystems. When installed, information about the press of keypad button is transmitted to the Domain controller. The controller then executes the group of actions that the homeowner wants to have happen. For example, if the lighting system is connected to the Domain Controller, then, when a keypad button is pushed, the Domain controller is informed of it, and a number of actions can occur related to any devices in the home – not just those associated with the lighting system. For example, the actions may control the entertainment, HVAC, or security

systems, or may control window coverings, or any other devices.

Device Description Wizard
Destiny provides a large library of files that describe the behavior of specific entertainment components. However, you may run across a component that is not in our library, and, for that, we have the Device Description Wizard. The wizard walks you through importing or capturing the IR or RS-232 codes to control the component and guides you through entering the number and type of inputs and outputs. The result is a file that may be reused and shared with other projects.

Integration with Web-based Entertainment
Today's entertainment content is being delivered on a wide range of medium from CDs, DVDs, satellites, cable, and hard disks. With systems that provide a web-based interface, Destiny launches the native interface of the entertainment system. This provides a full range of control for the entertainment content including play lists and advanced search capabilities. Additionally, Destiny automatically launches a small floating menu to control volume and other vital functions that compliment the specified source in the chosen room.

No Programming Required
The Ubiquity™ configurable software application from Destiny Networks is an off-the-shelf application, not a programming language. The floor plan of your home is captured by Ubiquity and then, electronic components are "configured" by pointing and clicking them into place. While other applications may take this initial approach, they then require you to use a programming language to program how they should behave. However, Ubiquity's room-specific defaults immediately know how to operate all of the electronic components you've configured based on the scene the room is in. Many people find that the default behaviors are right most of the time. For the other times, Ubiquity provides a friendly graphical user interface to change the behavior to what is wanted. This

same methodology is used for configuring home theaters and whole house music – providing the easiest to use and configure entertainment equipment available.

Tools for your Network
An integral part of every Ubiquity™ configurable software application is the set of tools to analyze and test the components of your connected home. For example, the "Find My Destiny" application provides the utilities to simplify the installation and use of IP-based displays such as PCs and touch screens – you don't need to type in IP addresses, Find My Destiny will do the work for you

Another example is "Check My Destiny". It continuously monitors all of the devices in your connected home. If a problem arises, Check My Destiny will be there to tell you what has occurred and what went wrong.

Industry Standard Platforms
The Ubiquity™ configurable software application is based on open, industry standards including Ethernet, RS-232, TCP/IP, Windows, Linux, Java, XML, and Web browsers to provide future-proof operation and compatibility with thousands of existing devices.

System Requirements
The Ubiquity™ configurable software application runs on a dedicated Domain Controller hardware platform. This ensures that no other applications will interfere with the operation of your home by co-existing on the same computer.

Ordering information
This software is pre-loaded on Destiny Networks' Domain controllers. Control for Security and HVAC systems is priced extra.

To see if Ubiquity from Destiny Networks meets your needs, call us at (408)779-0060 or visit us at www.destinynetworks.com.