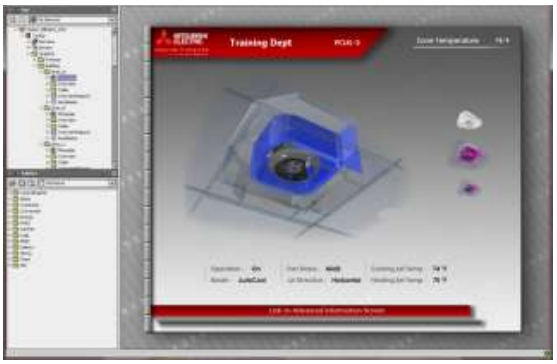
Model: Diamond Controller Server™

Job Name:	
Schedule Reference:	Date:





DIAMOND CONTROLLER SERVER™
FEATURES

- Powerful Java enabled graphical user interface (UI) as well as a non-Java UI for browsers.
- Supports an unlimited number of users over the Internet / intranet with a standard Web browser depending on the host PC resources.
- Enhanced certification management includes tools to manage 3rd party & self-signed certificates.
- Optional enterprise level data archival using an SQL, Oracle or DB2 database and HTTP/ HTML/XML text formats.
- Audit trail:
  - database changes
  - database storage and backup
  - global time functions
  - calendar
  - central scheduling
  - control
  - energy management routines.
- Sophisticated alarm processing and routing which includes email and paging.
- Workbench theming allows the developer to define style attributes with customized color scheme, fonts and icons according to user's choice.
- Provides access to alarms, logs, graphics, schedules and configuration data with a standard Web browser.
- Password protection and security using standard Java authentication and encryption techniques with optional security supported via an external LDAP connection and SSL.
- Password security enhancement includes:
  - expiring passwords
  - password history
  - strong password support
  - forcing a password changed on first login.
- Graphics library is updated with 3-D and photo realistic images for generic graphics & HVAC equipment.

APPLICATION

- Flexible network server for all connected DC-600E Diamond Controller™.
- Designed to harness the power of the Internet and provide efficient integration of standard open protocols, such as BACnet™, Modbus, and LONWORKS®.
- Creates a powerful network environment with comprehensive database management, alarm management and messaging services.
- Provides an engineering environment and graphical user interface to support the design, configuration, installation and maintenance of interoperable networks.
- Offers the full functions of the Niagara Framework for 3 Niagara-based connections, 100 Niagara-based connections, or unlimited Niagara-based connections. This package can run on a 32 and 64-bit Windows based PC.

PLATFORM REQUIREMENTS

- Processor: Intel Pentium® IV, 2 GHz or higher, Core 2 Duo also acceptable
- Operating System:
  - 32-bit OS required: Windows Diamond Controller Server, Microsoft Windows XP Professional, Windows 2003
  - 2008 Server (if Microsoft IIS is disabled), Vista Business
  - Windows 7, with Mozilla FirefoxTM or Internet ExplorerTM 5.0 or later
- HTML based help system that includes comprehensive online system documentation.
- Supports multiple DC-600E stations connected to a local Ethernet or the Internet.
- Provides online/off line use of the Diamond Controller Server graphical application configuration tool and a comprehensive Java Object Library.
- Optional direct Ethernet based driver support for BACnet I/P, OPC (Client), Modbus TCP, Lon IP and SNMP
  - Additional point blocks for each driver may be purchased in blocks of 500 for each protocol.
- A "Small Building System" version for Windows platforms is available for support of a system with up to three DC-600E.
- Available in a 64-bit compliant version of the Diamond Controller Server for large systems monitoring in excess of 150 controllers. All features of the standard Diamond Controller Server are included with this platform.

Specifications are subject to change without notice.
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Model: Diamond Controller Server™ - Server Software

DIAMOND CONTROLLER SERVER SOFTWARE

Part Number	Description
□ **DC-S-AX-3**	Diamond Controller Server software 32bit or 64bit Windows License. Includes Niagara Historical Database, and OBIX client-server driver to connect to Niagara based devices. Request CD at time of Purchase. Maximum of 3 Connected DC-600E Diamond Controller™ (Small Building Supervisor).
□ **DC-S-AX-100**	Diamond Controller Server software for 32bit or 64bit Windows License. Includes Niagara Historical Database, OBIX client-server driver for connecting to Niagara based controllers only. Request CD at time of purchase. Maximum of 100 connected DC-600E.
□ **DC-S-AX-100-UP**	Upgrade Small building Windows Diamond Controller Server from a maximum of 3 connected DC-600E to a maximum of 100 DC-600E.
□ **DC-S-AX-UNL**	Diamond Controller Server software for 32bit or 64bit Windows License. Includes Niagara Historical Database, OBIX client-server driver for Niagara based controller connectivity only. Request CD at time of purchase. No Controller Device Limit.
□ **DC-S-AX-UNL-UP**	Upgrade medium building Windows Diamond Controller Server from a maximum of 100 connected DC-600E to an unlimited amount of DC-600E.

Notes:

Powered by niagara AX FRAMEWORK®

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MITSUBISHI ELECTRIC
COOLING & HEATING

1340 Satellite Boulevard
Suwanee, GA 30024
Toll Free: 800-433-4822
www.mehvac.com

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