

DashBoard
openGear Control System
Software Version 5.0.0

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V5.0.0 (2012-04-27) Feature Enhancements to V4.1.0

Major update to look-and-feel

DashBoard 5.0.0 has received a major overhaul of the visual appearance of all UI elements.

openGear Layouts extensions

The openGear layout feature, introduced in v4.1, has been significantly extended. There are too many changes to list here, but some highlights include: ability to customize shape, colour and other attributes for almost every UI element; scripting engine similar to JavaScript; new border styles and pre-defined colours. For full details, refer to the openGear Development Guide.

Offline editing

The existing capability of saving a card configuration to a file has been enhanced: the saved card data can now be edited as if it were a real card, and changes can be saved back to the file. This allows offline editing of card parameters, which can subsequently be applied to a real device.

V4.1.0 (2011-11-08) Feature Enhancements to V4.0.0

openGear Layouts

DashBoard 4.1.0 introduces a powerful feature for defining the on-screen layout of a card's configuration in DashBoard. This allows card designers to customize the appearance of their card beyond the standard openGear status/configuration menu layouts. For details on this feature, please refer to the openGear Development Guide.

Style Hints and Widget Types

DashBoard 4.1.0 also introduces style hints, which gives card designers finer control over the color, border, size, and tooltips for each parameter. Several new widget types have also been introduced. For details on these features, please refer to the openGear Development Guide.

openGear Connect

The openGear Connect feature, introduced in 4.0.0, has been enhanced. For details, please refer to the openGear Development Guide.

Known Issues in v4.1.0

HDC-8222 format converter

Users must upgrade the HDC-8222 to firmware version 23 or above to enable control under Dashboard 4.1 and later versions. The firmware is available at <http://www.rossvideo.com/terminal-equipment/opengear/up-down-cross-arc-conversion/hdc-8222a.html>

V4.0.0 (2011-03-22) Feature Enhancements to V3.0.0

User Rights Management (URM)

An optional new feature that enables user-based access controls to be applied across a facility. Can operate as a stand-alone service, or can optionally be tied into existing LDAP or Active Directory authentication systems.

Requires a separate DashBoard Server with a licensed URM module. Contact Ross Video Technical Support for a complimentary evaluation license.

To fully utilize this new feature, ensure that MFC software is also updated. The URM feature is available in MFC-83x0-N v2.50, and in MFC-8320-S v1.10 software.

openGear Connect

Offers additional flexibility for bringing new devices into the DashBoard framework, and for controlling their appearance in the Basic Tree View. Devices with existing web-based configuration can be easily integrated. Devices can now supply their own icons and can define/modify their menu structure in the Basic Tree View.

V3.0.0 (2009-11-24) Feature Enhancements to V2.3.0

Multi-card upgrade

A new feature allows upgrading of many cards in parallel.

Mac OS X support

The full version of DashBoard is now available for Mac OS X.

Support for large installations

DashBoard now supports very large installations (1000+ cards).

New look-and-feel

The graphical appearance has been streamlined.

V2.3.0 (2009-02-19) Feature Enhancements to V2.2.2

Added DataSafe feature

Card parameters can be tracked by the network card as they change. If a card is removed from the frame (eg. due to failure) and is replaced with an equivalent card in the same slot, then the parameters stored on the network card will be loaded to the new card automatically.

DataSafe can be enabled/disabled for each slot by opening a frame's MFC configuration page and checking/unchecking the box beside the slot on the DataSafe tab.

DataSafe requires MFC-8310/8320-N network cards with software 2.10 or higher.

Added card configuration local save/restore feature

Any card/frame/tree view can now be stored to an XML configuration file. Stored device configurations can be restored to the same tree view or compatible devices via a restore wizard.

Users may store several sets of parameters for a given card or entire DB-Views, and may reconfigure them all by simply loading one file.

Stored device configuration files can also be sent to tech support to aid in them in helping diagnose any problems.

This feature is accessible from the Advanced Tree View toolbar or by right-clicking on a folder, frame or device in any tree view. Local restore requires MFC-8310/8320-N software 2.10 or higher.

Added card configuration copy feature

Card configurations can be copied from one card to other cards of the same type within the same frame or across multiple frames.

Users can setup one card and then copy that setup to all of the other cards of the same type, instead of having to configure each card individually. Users can also configure multiple cards from saved XML files as well.

This feature is accessible from the Advanced Tree View toolbar or by right-clicking on a folder, frame or device in any tree view. Card configuration copy requires MFC-8310/8320-N network cards with software 2.10 or higher.

Added MFC slot renaming

A new name can be assigned to override the name for a card provided by the card itself. Slot names are set on the MFC configuration page under the “Setup” tab. When a slot name is set, the name appears in place of the card name on all DashBoards (2.3 or higher). The original name is visible on the card’s tooltip.

Slot renaming is only available for MFC-8310/8320-N with software 2.10 or higher.

Fixed display vs control slider bug

A bug relating the Control Sliders was fixed.

Fixed display issues with rich text widget

The rich text widget would occasionally not render correctly when HTML image tags were used in the widget.

Fixed negative choice constraints

Choice constraints with negative values were being read as unsigned short values. 16-bit integer values are signed, so it was never possible to set the choice value to one of the negative options.

V2.2.2 (2008-12-02) Feature Enhancements to V2.2.1

Fixed recursive help file import bug

Prevents help files from being imported from the help file destination directory. This prevents a recursive directory structure creation loop that will eventually prevent the computer running DashBoard from running properly. This issue exists only in the Windows and Linux versions of 2.2.1.

Fixed import of folders in zipped help packs

Folders inside of help packs created with the help pack generator were not being recreated in the help directory when the zip files were imported. This issue has been fixed.

V2.2.1 (2008-10-08) Feature Enhancements to V2.2.0

Fixed DashBoard device page memory leak

A memory leak in openGear device configuration pages caused the system to eventually run out of memory.

Parameter values no longer jump backwards when using spinners

When a parameter value was being adjusted on a spinner control by using the up arrows on the keyboard or clicking and holding the up/down arrow buttons on the control, the value of the parameter would occasionally jump backwards and continue from the old location.

DashBoard Release Notes



DashBoard now ignores updated values sent from the card if it already has change requests pending unless a previous change was rejected by the card.

SLP auto-detection is now more robust

SLP responses for all devices would be ignored if one response contained bad data. The bad data is now ignored so that the valid responses can be processed.

Look and feel updated

DashBoard's Swing look and feel has been updated with a new version to remove a memory leak.

Support for Linux GTK/x86 added

Linux machines on x86 processors with GTK libraries can now install and run DashBoard. A Linux build is now included in the Linux directory of the CD Image and will be available on the web site.

Basic support for Mac OS X added

An installer for DashBoard Lite (a basic Swing application with the ability to detect/configure openGear devices) has been added to the Mac OS X directory of the CD Image.