

Description: **Release 1.6.0.0 of Device Configuration Software (DevCS) Available**
Information Bulletin Document #: 79-04-001_609-0005

Prepared By:   Charles Horkin 2012.03.16 14:43:52 -07'00"	Checked By:   Allan Prince 2012.03.16 14:46:08 -07'00"	Approved By:   Zack Pahlman 2012.03.16 14:48:31 -07'00"
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1. Applicability

THIS INFORMATION IS INTENDED FOR RELEASE TO DACS INSTALLERS

This information is applicable to all installers currently using version 1.5.0.0 (or earlier) of Device Configuration Software (DevCS).

2. Subject

Version 1.6.0.0 of Device Configuration Software (DevCS) is now available. This information bulletin describes the new features in version 1.6.0.0, bug fixes, as well as a list of known issues in this release.

3. Description

Version 1.6.0.0 of Device Configuration Software (DevCS) is now available. The previous version of DevCS should be uninstalled before version 1.6.0.0 is installed.

DevCS version 1.6.0.0 includes the following new features:

- Configurable Units Display (Vrms/dBr/Watts available for most sliders), where appropriate.
- LIMITED personality (Only program/open/print features available in this personality)
- 'Print' and 'Print All'
- More freedom in assigning users to Isolation Networks (crew/passenger)
- Enabled the Digital ICS Tie Line in Installation Personality
- Enhanced USB Driver Compatible on most 32 and 64-bit machines
- Auto-Selection of COM ports
- Help Buttons
- Revision History Page
- Error Code Descriptions Page
- 'Save As Defaults' (Creates a customized set of default settings that is used for all new files)

DevCS version 1.6.0.0 also resolves the following issues:

- Corrects empty wave file slots from preventing remainder of wave files from being transferred to AMU50
- Corrects Wav files memory usage display not previously always updated
- Prevents Wav files in wrong formats from attempting to be loaded
- Emergency mode impedance settings set incorrectly in installation personality
- Prevents slider settings from being changed during a 'Program' operation and interfering with programming
- Corrects mouse scrolling functionality in all windows
- Corrects files not always being added to the recent files list

Additionally, during DevCS 1.6.0.0 testing, several types of computers were tested for compatibility with the AMU50 USB interface and driver. The computers that failed compatibility testing all have Intel 5 Series / 3400 Series Chipset Family USB Enhanced Host Controllers, and it is believed that this may be a contributing factor to the failures. A problem report has been opened to track the issue.

The computers tested that passed compatibility testing are as follows:

- Compaq Presario SR1214NX, Windows® XP SP3 (32-bit)
- DELL OptiPlex 380, Windows® 7 (32-bit)
- DELL Precision T3500, Windows® 7 (64-bit)
- ATIC International w/ Intel Pentium 4 CPU, Windows® XP SP3 (32-bit) and ASUS Motherboard
- HDNW PC w/ Intel Pentium D CPU w/ American Megatrends BIOS, Windows® XP SP3 (32-bit)
- Compaq Presario A900 Laptop w/Intel Dual CPU T2390, Windows® 7 (64-bit)

The computers tested that failed to pass compatibility testing are as follows:

- HP Elite 7100 Microtower PC, Windows® 7 (64-bit) w/ Intel 5 Series / 3400 Series Chipset Family USB Enhanced Host Controller
- HP Compaq 8100 Elite SFF PC, Windows® 7 (64-bit) w/ Intel 5 Series / 3400 Series Chipset Family USB Enhanced Host Controller
- DELL OptiPlex 980, Windows® 7 (64-bit) w/ Intel 5 Series / 3400 Series Chipset Family USB Enhanced Host Controller
- DELL Latitude E5510 Laptop, Windows® 7 (32-bit) w/ Intel 5 Series / 3400 Series Chipset Family USB Enhanced Host Controller

DevCS 1.6.0.0 is intended to be compatible with PC Compatible computers running Windows XP® SP3 or Windows 7®.

Important notes about this release:

The previous release of DevCS (version 1.5.0.0) contained a bug in which the emergency phones impedance setting sent to the AMU50 and RM01 would select 8 ohms in INSTALLATION personality (the default) even though the only selectable option for this setting is 150 ohms. The overall effect of this is that settings downloaded using the previous version of DevCS will sound quieter than they should for a given setting. This has been corrected in version 1.6.0.0.

It is important to note that since the previous release used 8 ohms and this release uses 150 ohms, the output levels observed in emergency mode for the same configuration file (XML file) will differ depending on the version of DevCS used to download to the AMU50 and/or RM01. To continue using the same levels as before, the volume settings on the emergency mode page will need to be adjusted (decreased) and downloaded using the new release. See Service Bulletin No. AMU50 603-0018 for more information.

This version fixes a bug where empty wave file slots occurring between non-empty wave file slots prevent all subsequent wave files from being transferred to and/or read from the AMU50 and RM01 that occur after the empty slot. Because of this fix, older versions of DevCS that read from the AMU50 and/or RM01 when these devices have empty wave files may throw exceptions. It is advised to upgrade to the latest version of DevCS to prevent such issue from occurring. See Service Bulletin No. AMU50 603-0019 for more information.

A bug was found during the release of this version that also existed in previous versions relating to the default ICS VOX Level (After ACP Failure). When “new” is used in installation personality to create a new file with default settings, the ACP Page’s ICS VOX Level (After ACP Failure) displays PTT in DevCS, but the value sent to the AMU50 is -48 dB. This effectively sets the VOX (After ACP Failure) to the minimum threshold setting (live). The workaround for this issue is to click each of the VOX Level (After ACP Failure) sliders on each ACP page at least once and resave a file. See Service Bulletin No. AMU50 603-0021 for more information.

Lastly, just prior to the release of DevCS 1.6.0.0 it was discovered that files saved with version 1.5.0.0 in installation personality do not maintain their ICS Tie Line setting (digital vs. analog) when opened in version 1.6.0.0. The workaround to this is to open the AMU50 page in DevCS and change the dropdown back to Analog and resave the file. See Service Bulletin No. AMU50 603-0022 for more information.

4. Publications Affected

The following Installation and Operation Manuals have been updated as a result of this release:

- 79-04-001_DevCs_804-0
- DACS_813-0
- SM76_AMU50_804-0
- SM78_PIA01_804-0

For our service and support department, the following Maintenance Manuals have been updated:

- SM76_AMU50_824-0
- SM78_PIA01_824-0

The following service and installation bulletins have been created in support of this release:

- 79-04-001_DevCs_609-0002 Information Bulletin
- 79-04-001_DevCs_609-0003 Information Bulletin
- 79-04-001_DevCs_609-0004 Information Bulletin
- 79-04-001_DevCs_609-0006 Information Bulletin
- AMU50-001_603-0018 Service Bulletin
- AMU50-001_603-0019 Service Bulletin
- AMU50-001_603-0020 Service Bulletin
- AMU50-001_603-0021 Service Bulletin
- AMU50-001_603-0022 Service Bulletin
- PIA01_603-0004 Service Bulletin

End of Information Bulletin