

MAGELLAN CCS NAVIGATOR 5.7 RELEASE SUMMARY

Navigator 5.7 is a minor release with bug fixes. See the sections below for detailed explanations.

Fixes and Incremental Improvements

- Support for large databases, including the following:
 - Increase number of Src/Dst from 16300 to 30000.
 - Add support for Data Signal Type.
- Add support for Restrict and Filter through Navigator Publish.
- Fixed Router Service memory leak. (CTRL-22)
- Added option to Enable/Disable Panel Autovalidation. (CTRL-25)
- Added option to Enable/Disable Category/Index generation. (CTRL-26)
- Added support for Evertz third party protocol in DBEditor. (Quartz Switcher RCP).
- Fix SDNOClient NameLength option on 64 bit OSes.
- Fixed Navigator 5.6 64-bit Chinese support. (CTRL-53)
- Exclude '/' from level names, Source names, and Destination names. (SDNO-4434)
- Fixed CCSP alarms are delivered inconsistently. (CTRL-58)

NOTE: Magellan CCS Navigator 5.7 does not support 32-bits operating systems. Only install Navigator on 64-bits operating systems. If you are upgrading from a 32-bits install of Magellan CCS Navigator, see the installation instructions at the end of this document.

Note: Amino STB support is not available in Navigator 64-Bit. If you need to monitor Amino devices, use Navigator 5.6 32-Bit.

Known Issues

- For thumbnails to work properly for SEL-MCP1/3 devices, use Navigator 5.4 or higher with SEL-CTR 6.0 or newer. (116340)
- If you install the 64-bit version of Navigator, you need to use 64-bit versions of other programs Navigator interfaces with as well. For example, for Navigator to properly send alarms by email, Windows Outlook must be the 64-bit version.
- When using an IP3 Controller routing system connected to legacy router devices (such as panacea, ABA panels, GPI panels), avoid having the IP3 HTTP interface or IP3 HTTP soft panel running on the

same PC as Navigator while performing operations on the legacy router devices (like polling or downloading); otherwise those operations could fail.

- VLC has a limitation that will Crash Navigator when live streaming Selenio HE streaming in some circumstances. This is why Selenio HE streaming is disabled by default and can be enabled from config.ini by setting EnableSelenioHEStreaming to 1.
- When viewing Selenio Thumbnail pages, switching Navigator from Control to Build mode can take 10-15 seconds. (119482)
- If SNMP Control fails to self-register when installing Navigator on Windows Server 2008, follow these steps:
 1. Install 'Microsoft Visual C++ 2008 Service Pack 1 Redistributable Package MFC Security Update'. You can download this file from the internet.
 2. Enable the Desktop Experience feature (Start > Administrative Tools > Server Manager > Features > Add Features). (117242)
- When you uninstall an earlier version of Navigator and install Navigator 5.6 on Windows Server 2008, 64 bit, you must reboot the PC after Nav 5.6 installation prior to launching Navigator software for correct operation. (104520)
- After upgrading Magellan CCS Navigator in Windows 8 and 8.1, the previous version's desktop shortcut and Navigator Start menu folder are not removed until the PC is restarted. (100628, 100343)
- Take response and crosspoint status can be slow in some circumstances. This can have many causes:
 1. The first time switching to Control mode, Navigator may take a few minutes to query all crosspoint statuses on large logical databases.
 2. A Data Router (Integrator) may be constantly reporting Inactive/Active.
 3. When a device on the XY network reboots, it re-queries the main router for all XY statuses. As the XY messages are propagated to all Clients, Navigator processes these one by one, slowing down Take responses.
 4. Crosspoint status can be slow when the debug "View Router Activity" window is open.

To diagnose this latency, try the following:

- Install Wireshark and take a snapshot of the traffic when the Software Panel response is slow. Find out if a router constantly reboots itself or reports itself Inactive/Active.
- FTP to the router, enable verbose mode and see which XY client is querying / sending XY messages continuously.
- Do not leave the "View Router Activity" window open unnecessarily.

- The number of CCSP devices also affects the overall Routing Sysstem performance. Make sure that CCSP traffic does not exceed 600 messages per second.
- Ensure the PC running Navigator follows the Readme.txt hardware recommendations. Large router databases require 16 GB memory and at least 4 CPUs.
- When configuring an IP3 in a hybrid system, you need to upgrade other elements of the system, or Publish will not work correctly. (88627)
 1. Edge must be V4.0B4 or higher
 2. Panacea frame with P-RES-H must be V4.0B4 or higher
 3. Platinum frame with PT-RES must be V4.1B13 or higher
- Cannot open Flatmatrix editor if a Device Type name contains ", ". (78680)
- Clean/Quiet Switch Panacea Routers Refresh does not work in realtime. You need to refresh Navigator control window to see changes.
- Signal presence reporting does not report properly on multi level configuration.
- When the configuration for a hardware panel is changed in Control mode without downloading the panel, the panel appears to have an Inactive state. To make the panel appear active again, switch to Build mode then Control mode again.
- After importing names.txt, crosspoint status is only reported for takes you do after switching to control mode. To correct the issue, after publishing in Build mode, repoll the routing system.
- When creating a matrix for Platinum SX Hybrid, by default no TDM matrix is created if no audio cards are assigned. To create a TDM matrix, create the multiviewer matrix with at least one input card manually assigned (even if it doesn't exist) and ensure that the DX option is checked, then delete that "fake" input card and assign the correct shared inputs.
- After restarting the PT-RES card in build mode, enhanced salvos may not show the correct active/inactive status; to correct the error, while in Build mode, repoll the Platinum frame after its resource card has been restarted.
- After creating a new administrator user, you need to restart navigator to connect to the new user's credentials (log off/log on is not sufficient).
- Failure to install or start MSMQ service can be seen on systems that have other installed applications that make use of MSMQ. To correct this issue, stop the MSMQ service manually and run the Navigator install again, selecting the option that preserves the database.
- Due to a Windows 8 and 8.1 security policy, navigating to Manuals and Help file for products in Navigator is not allowed. To open a manual, go to the Install folder /Doc/Manual subfolder and double click on the manual.

- If you have pages created in Navigator 5.4 64-bits version, you may not be able to open them in Navigator 5.6.

INSTALLATION

Navigator 5.7 can be installed on a PC running Windows 7, Windows Server 2008 SP2, Windows 8, Windows 8.1, and Windows 10 operating systems. Navigator should be installed on a Windows Enterprise or Professional operating system.

You must be logged in as an administrator on the PC when you install Navigator. **Run the Navigator install as an Administrator!**

Note: Navigator 5.7 is 64-bit. You need to use 64-bit versions of other programs Navigator interfaces with as well. For example, for Navigator to properly send alarms by email, Windows Outlook must be the 64-bit version.

When you uninstall a previous version of Navigator and install Navigator 5.7 on Windows 8, Windows 8.1, or Windows Server 2008, 64 bit, you must reboot the PC after Nav 5.7 installation prior to launching Navigator software for correct operation.

Important! If you are doing a fresh install of Navigator 5.7, make sure you have Windows Installer 4.5 (or newer) already installed on the PC. If you are upgrading from a previous release of Navigator, this step is not necessary.

Before upgrading Navigator Server, close all Navigator Client applications connected to it and upgrade them to the same version after the Navigator Server upgrade completes.

If you have a 32-bits version of Magellan CCS Navigator and you need to keep the router database, follow these steps:

1. Backup the router database.
2. Uninstall the 32-bits version of Magellan CCS Navigator.
3. Install the 64-bits version of the same edition of Magellan CCS Navigator. For example, if you previously had the 32-bits version of Magellan CCS Navigator 5.6, install the 64-bits version of Magellan CCS Navigator 5.6.
4. Restore and then backup the router database again.
5. Reboot windows to clean up Pilot-Home.
6. Install Magellan CCS Navigator 5.7.
7. Reboot windows to set the new environmental variables.
8. Restore the router database.

If you do not need to keep the router database, follow these steps:

1. Uninstall the previous edition of Magellan CCS Navigator.
2. Reboot windows to clean up Pilot-Home.

3. Install Magellan CCS Navigator 5.7 64-bits version.
4. Reboot windows to set the new environmental variables.

See your Navigator documentation or readme for complete installation instructions.