

Software Release Notes ECO # 15227

Overview

This ECO releases installers for version 5.0.0 of the NV9000 control system.

Major changes

1. This ECO releases NV9000 Multi-Hop tielines. Old tieline functionality is NO LONGER SUPPORTED.
2. There is a new Tieline configuration page in SE-Utilities that allows the user to graphically drag-and-drop tieline configuration data.
3. There is a new Tieline Status page in SE-Utilities that allows the user to view a graphical summary of their system architecture and tieline usage, as well as browse the database of tieline reservations.
4. Upgrades to configurations should be done as follows:
 - a. First, write the desired configuration to the system controller(s) using the customers' previous SE-Utilities version.
 - b. Second, run the installation package on the system controller(s).
 - c. Third, read the configuration from the system controller back into SE-Utilities version 5.0.0 and save it under a new name.
 - d. Customers who use tie-lines will have to recreate their tielines in the new version of SE-Utilities.
5. The SE-Utilities views for the following tables have been removed and the tables themselves have been removed from the database schema:
 - a. InterLvlSetMap
 - b. InterLSMapDetail
 - c. TielineClass
 - d. TLClassDetail
 - e. Tieline
 - f. AppPair
 - g. ConfigIdentity
6. The following tables have been added to the database schema:
 - a. Tieline2
 - b. SignalType
 - c. Tieline2PortBinding
 - d. Tieline2SignalBinding
 - e. VirtualLevelSignalBinding
 - f. Tieline2Path
 - g. Tieline2PathDetail
 - h. Tieline2Reservation
 - i. Tieline2ReservationHistory
7. Upgraded configurations will need to populate the VirtualLevelSignalBinding table manually. Newly created configurations will populate this table automatically.
8. The main NV9000 logs are now stored in a database, NvLogs, which is created by the installer.
9. SE-Utilities has a new feature which allows the user to do a comparison between two configurations and flag the differences.

NV9000 v6.0 to v6.3 Release Notes

Overview

This document provides information pertaining to the release of the NV9000 **v6.0 to 6.2** code base, which includes core NV9000 server software, SE Utilities, and Third-party Control code, where applicable.

Bug Fixes, v6.0-6.028:

1. Improved filtering on the router status page
2. Improved router status on the router status page (it now only statuses the actively displayed output ports)
3. Ability to handle configuration files for panel types not yet implemented in SE Utilities.
4. Corrects the "CS Failed" error encountered when reading a configuration back from a controller
5. Physical Level ID and port numbers are displayed on the Tieline2 Signal Binding Table.
6. Tieline manager modified to insert the correct value in a path's cost field.
7. Fix for bug with non-contiguous page numbers in Global Navigation configurations
8. Added a parameter to request more memory allocation from the OS to prevent the OutOfMemoryExceptions that occur while working on tielines with hybrid routers.
9. Removed some debug code that was slowing down tieline path calculations.
10. Fixed a bug where the External Interface Configuration Editor would remove parameters added by hand from the Parameters field in the Control Points table.

Bug Fixes, v6.028-6.2:

1. [NVCS-2821] - Config/Salvo designation fix
2. [NVCS-2860] - Cannot start NV9000 from new CG2 because NvAgent not running
3. [NVCS-2896] - Panel network went down while Recycling Power
4. [NVCS-3020] - Config/Salvos/Add Salvo Mnemonic with >8 char doesn't create Salvo

5. [NVCS-3021] - In Tables, Mnemonic fields with >8 char generate exception and row not entered. Alias, Categories,...
6. [NVCS-3033] - NV9000 Add or Remove Programs (Installer) gives version as 4.1.0 rather than 4.2.0
7. [NVCS-3034] - Stagetec & SierraVideo Rtr protocols are not installed in NV9000
8. [NVCS-3055] - Salvo Ed Pause generates NumberFormatException
9. [NVCS-3061] - Salvo Ed- generates more arguments than old Panel Ed, eg, TAKE_ALL was 2 is 4 arguments
10. [NVCS-3062] - Salvo Ed- Salvo Operations fields when doubleclicked are editable and can overwrite other fields if Moved Up or Down.
11. [NVCS-3080] - SNMPCntISysSubagent runs at 50% of CPU, Not Reproducible
12. [NVCS-3083] - 9640 under Start menu should be 9640V
13. [NVCS-3084] - 9605V & 9640V require Restart after uninstall
14. [NVCS-3153] - 9641 Up/Down buttons are LED and can only be amber or green.
15. [NVCS-3154] - 9641 Auto generated pages over writes scroll buttons, that is, adds devices to them
16. [NVCS-3158] - SNMP MasterControl Subagent & MIB not included in 4.3.0 install
17. [NVCS-3159] - SNMP Router, NV9000, & Registrations MIBs have all been updated and we don't have latest Installed
18. [NVCS-3160] - Uniconfig latest version is 5.1.0 which is later than 5.0.0 installed
19. [NVCS-3162] - Stagetec Rtr only first set of takes are sent and the received switch updates aren't handled properly in loop.
20. [NVCS-3242] - Compact Data Router locked ports are difficult to unlock under some conditions
21. [NVCS-3244] - If Secondary server is added during the install, SecondaryHostIP and PrimaryHostName are not added to the Registry.
22. [NVCS-3252] - Console error message when both Controllers are running

23. [NVCS-3253] - Some Processes don't always start on the NOT ACTIVE Controller until it's Active
24. [NVCS-3254] – Prevent Both Controllers from being Active at same time
25. [NVCS-3256] - SNMP for the new Redundancy
26. [NVCS-3272] - ControlGUI no longer opens on the Controller. Error message is- 'Could not attach to NV9000 system. Exiting...'
27. [NVCS-3274] - ControlGUI installed as 'per-user' does not open.
28. [NVCS-3286] - 9601, 9640 panels with 'Hide Unconfigured sources' all Src status as '*****', that is, no Src names
29. [NVCS-3369] - NV9000 Client install shows as 4.4.0 in Add/Remove Programs of client
30. [NVCS-3483] - 'Saving virtual XPT data.' RtrSvr message every 10 sec fills NvConfig.log
31. [NVCS-3496] - NV9000 Install problems, version 460
32. [NVCS-3503] - Restart Computer to complete install window is hidden; Launch Permissions window is also hidden sometimes
33. [NVCS-3506] - Client install of CtlGUI/StatusGUI no longer writes controller address to registry, therefore apps do not launch
34. [NVCS-3519] - NV9000 461a4 installs Uniconfig SV020406 rather than later SV020407A
35. [NVCS-3522] - Virtual IPs configured on missing subnets cause NvMaster crash
36. [NVCS-3523] - 461a3 Distributor Object crashing
37. [NVCS-3525] - RocketPort pin gender modification
38. [NVCS-3533] - Tielines don't failover to Controller2; Reboot Controllers and Controller1 Active but tielines Fail also
39. [NVCS-3534] - VerboseDebug logging in Apps table for Tieline Server gives same as System Events logging, no diagnostic logging
40. [NVCS-3537] - TielineStatusGUI Free does not free tieline
41. [NVCS-3538] - TielineStatusGUI is blank on the client; Updates fine on local controller and standby controller

42. [NVCS-3539] - TielineStatusGUI has no shortcut on Desktop; generic rather than NVISION icon under Start menu
43. [NVCS-3542] - Tielines fail to rollover
44. [NVCS-3564] - Embed O/S: Event System Log has Serial error on controller START, Event ID:18
45. [NVCS-3569] - Restart of Ctl1 does NOT rollover to Ctl2, Ctl1 returns as the Active controller
46. [NVCS-3602] - Logging missing in v510
47. [NVCS-3630] - NV9000 v5.1.0 install with NV9000 running yields incomplete install, 2/3rds of bin files missing
48. [NVCS-3648] - New 9601, '0' id, enter id not in config, cycle power and display goes blank, must reload software.
49. [NVCS-3653] - 9601 & 9640 MDest mode showing Breakaway or level map status as is done on 9608/9616-Tom
50. [NVCS-3706] - External TCP/IP clients cannot do automatic tieline takes.
51. [NVCS-3765] - Probel O2 Router Protocol takes 'forever' to come on line.
52. [NVCS-3849] - Latest NV9000 installer (SV0920-06) causes WinXP system to generate missing file error
53. [NVCS-3903] - Salvos with virtual XPTs can execute out of order if salvo large and routers useNVEP
54. [NVCS-3935] - If you multi-select dest on an NV9608/9616 and lock or protect, it will allow you to lock free RS422 port, and then you can't release it
55. [NVCS-3967] - DHP - status for audio channels not involved in an audio 'shuffle' takes minutes to appear
56. [NVCS-4003] - DHP Status GUI - fails to obtain data from NV9000 (Created in JIRA)
57. [NVCS-4028] - V 6.2.0 build 1639 and Build 118 SE - NvCPSEServer memory leak
58. [NVCS-4103] - Tielines being reused without freeing them on an up/down conversion tieline

59. Bug Fix: SE-Utilities - Fix for a bug that would not read Tieline data correctly on a "Read" then when a "Dynamic Update" was performed any existing Tielines would break.

The following items were patched in special Encore-NV9000 builds:

1. Fixed a memory leak caused by a received message passed incorrectly
2. Fixed Hang-On failure
3. Fixed issue with NV9000 re-initialization following disconnect from Encore
4. Fixed issue with Indexed Takes versus Mnemonics not mapped correctly
5. Fixed deadlock condition

New Features:

1. New Feature: The Previous Source function is now supported across tieline routes.
2. New Feature: Control panels and GUIs will show "EmbedOff" instead of "*****" when a hybrid output is in bypass mode.
3. New Feature: SE-Utilities now displays a "Save and Close" button on data entry pages.
4. New Feature: Control panels that support level map can now select to map source levels that don't exist on the destination.
5. New Feature: SE-Utilities now supports Physical Connections pages for Inputs or Outputs alone, as well as displaying both on one page.
6. New Feature: SE-Utilities supports a custom Tieline Paths calculation so users may modify the default paths generated.
7. New Feature: SE-Utilities - Encore external interfaces can now be configured with a secondary Ethernet control point
8. New Feature: SE-Utilities - The configuration name has been appended to the Control System's name on the System Management Tree Menu.

Virtual Panels Release 2012 Release Notes:

1. All panels have About Box information: Release 7/2012, Version 6.2.0, Build 770.
2. New PC, and MAC installers (fixes Mac Lyon OS users). All built with JDK 1.6.
3. The NV9647V panel is added to the CD in this release.
4. Have JAR folder on released CD so that the panels can be used on any O.S.
5. Find/make and use a better NV Logo to be shown in title bar and task bar.
6. Add context menu to all controls so that right click context menu can be invoked anywhere on the panel (except in the display area).
7. Make all .ini files specific to the panel. Such as (PanelType).ini.
8. Change text display algorithm for NV9642 from different for 1,2,or3 lines to same for all.

NV9000 v6.3 Release Notes

Overview

This document provides information pertaining to the release of the NV9000 **v6.3** code base, which includes core NV9000 server software, SE Utilities, and Third-party Control code, where applicable.

New Features v6.3.0 build 1873 (AREL):

- [NVCS-4116] - Tieline Management Improvements
- [NVCS-4119] - ABI (Audio Break In) Support - Swizzle the original audio
- [NVCS-4120] - Tieline Response issue with Encore v1.7.4 bug
- [NVCS-4121] - Lock and Protects - Mapping LPR between NV
- [NVCS-4212] - NV9000/Encore Lock/Protect mapping redundancy
- [NVPL-9] - NV9654 high density panel support and virtual panel

Bug Fixes v6.3.0 build 1873 (AREL):

- [NVCS-4162] - Distributor crashing on failover
- [NVCS-4184] - Distributor memory leak
- [NVCS-4210] - Gang Take Fix, Encore Router driver.
- [NVCS-4161] - SMS Serial Take enhancement

