



RTS Engineering Group

RTS NEO Intercom Management Suite Version 1.2.0 Engineering Release Notes

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Suite

Version 1.2.0 Release Notes

RTS NEO Intercom Management

Table of Contents

1. Overview	1
2. New Features	1
Version 1.2.0	1
Version 1.1.0	2
Version 1.0.0	2
3. Improved Features and Fixed Issues.....	4
Version 1.2.0	4
Version 1.1.0	5
Version 1.0.0	6
4. Known Issues	6
Version 1.2.0	6
5. Compatibility	7
Version 1.2.0	7
6. Installation and Upgrade.....	7
Windows	7
macOS.....	7
7. Revision History	7



Suite

Version 1.2.0 Release Notes

RTS NEO Intercom Management

1. Overview

This is the release notes for RTS NEO Intercom Management Suite

Version **1.2.0** software. This release contains new features, improved features, and fixed issues.

2. New Features

Version 1.2.0

For more information on individual features see the help file included in the application.

- **Support for RVOC Engine and Hybrid ODIN + RVOC Engine Intercoms**
 - Supports connecting to RVOC Engine and hybrid intercoms, performing intercom configuration operations, and making key assignments on the intercom's ports.
- **Intercom Configuration**
 - Added ability to configure the intercom name, size, options, frame mapping table and port allocation table for ODIN, RVOC Engine and hybrid intercoms.
 - **Intercom Name**
 - View and edit the name for ODIN, OMS, hybrid ODIN + RVOC Engine, and RVOC Engine intercoms.
 - **Size and Options**
 - Support for changing the Intercom's resource count and options.
 - ODIN, hybrid ODIN + RVOC Engine, and RVOC Engine intercoms supported.
 - **Port Allocation Table**
 - View and edit port allocation for ODIN and Hybrid RVOC intercoms.
 - Edit connection type, channel, and view warnings associated with each port
 - View and edit port allocation for RVOC Engine intercoms.
 - Edit connection type and reserve status, including viewing new NDI connection type.
 - **Frame Mapping Table**
 - View and edit frame mapping.
 - Swap or rearrange main or redundant frames.
 - Change redundancy and failover modes.
 - Edit IP addresses for frames except the connected frame.
 - Edit Guard settings for frames.
 - ODIN, hybrid ODIN + RVOC Engine, and RVOC Engine intercoms supported.
 - **Display Frame Licenses**
 - View licenses associated with both active and standby frames.
 - ODIN, hybrid ODIN + RVOC Engine, and RVOC Engine intercoms supported.
- **Device View**
 - View and edit assignments in layout visually analogous to connected/configured device.
 - Switch between *Setup Page View* and *Device View* using the *Device View* button (for supported keypad types).
 - Search for keys using Device View key search.
 - Ability to configure "Default to Device View" port setting.
 - Show graphic of connected/configured device (Device Preview).
 - Change setup pages using Device View Setup Page Selector dropdown.



Suite

Version 1.2.0 Release Notes

RTS NEO Intercom Management

- View and edit all key assignments and options via the Key Inspector component.
- The following keypanel types are currently supported in Device View:
 - DKP-4016
 - DBP (both keypanel and conference mode)
 - DSPK (both keypanel and conference mode)
 - KP-4016
 - EKP-4016
 - KP-5032
 - NOMAD Beltpack
 - RVOC Edge Mobile App
 - TR-1800 Beltpack
- **Assignment Group Editor**
 - View and edit local Assignment Groups.
- **Display Keypanel Firmware**
 - View Keypanel Firmware versions and connectivity status of devices.
- **Recent Connections**
 - Stores up to twenty recently connected intercoms.
 - Right click "Connect" button to show recently connected intercoms and connect to them.

Version 1.1.0



For more information on individual features see the help file included in the application.

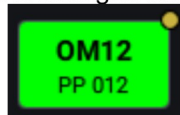
- **Party Line Editor**
 - View and edit local Party Lines
 - Edit permanent member list and talker and listener states.
 - View transient member list.
- **IFB Editor**
 - View and edit local IFBs.
 - Change and view IFB Listen Source, Output, PGM IN, DIM, and gains.
- **IFB Special List Editor**
 - View and edit local IFB Special Lists
 - View and edit member list.
 - View and edit Listen Source.
- **Special List Editor**
 - View and edit local Special Lists
 - View and edit member list.
 - View and edit Relays.

Version 1.0.0


This is the supported feature set for the initial software release. For more information on individual features see the help file included in the application.

- **Main Window**

- Connect to OMS, ODIN, ADAM-M, or ADAM Intercom system with or without authentication
 - Select intercom from list of available intercoms
 - Supports manually entering an intercom's IP address
- Application Settings
 - Main Menu button  -> Settings on Windows
 - Edit -> Settings on macOS
 - Set Preferred Alpha Length to be used in RTS NEO Intercom Management Suite
 - Set default sort order of resource lists
 - Force characters to upper case when editing alphas
- Context Sensitive Help file
 - Main Menu button  -> Help -> Open Helpfile on Windows
 - Help -> Open Helpfile on macOS
 - F1 in Windows
 - ⌘ + SHIFT + H in macOS
- Send Changes to Intercom
 - Displays total change count
 - Cancel changes
- Connected intercom status and statistics
- Toggle visibility of child viewlets
 - Intercom Manager
 - Keypanel
 - Can create multiple Keypanel viewlets
 - Property Editor
- Field change notifications
 - All changed fields are indicated with an orange dot



- **Intercom Manager**
 - All assignable resources can be viewed in the Intercom Manager viewlet
 - Search for system alphas with real time text search
 - Can filter system alphas by resource type using Filter buttons
 - Open selected Port in Keypanel Editor via mouse double click
 - Modify key assignments on Keypanel Editor by dragging and dropping an assignment from Intercom Manager window to a key in the Keypanel Editor
- **Keypanel Editor**
 - Displays the Key Assignment information for the selected Port and Page
 - Toggle visible elements and use of colors in the Keypanel Editor
 - Copy and paste entire keys and individual assignments
 - View and edit following fields:
 - Listen Assignment
 - Listen Latch Disable
 - Listen Key Restrict

- Turn Listen Key On/Off
 - Talk Assignment
 - Talk Latch Disable
 - Talk Key Restrict
 - Key Labels (if configured on keypanel)
 - Turn Talk Key On/Off
 - **Note:** Volume Level is currently read-only
- Key Assignments can be made by:
 - Direct Text Entry with Quick Hints
 - Advanced Edit (more complex dialog with advanced search and filter options)
 - Drag and Drop from Intercom Manager or between keys on Keypanel Editors
- Ability to send changes per Port
- Setup Page Manager view
 - Click on  button to view Page Assignments
 - Supports assigning Pages to specific Keypanels/slots
 - Displays an image of the configured keypanel hardware if available
 - Change the Setup Page Restrict option on the Port
- **Property Editor**
 - View and edit configuration of selected resource
 - Local Resource Property Editor
 - Ability to change all resource alpha types and lengths
 - Alpha
 - Input Alpha
 - Trunked Alpha
 - Edit Description 1 and Description 2 fields
 - Enable/disable Scroll Enables
 - Local Keypanel
 - Remote Clients
 - Remote Keypanels
 - PAP/LCP
 - For P2P (Port) resource types, can set following port options:
 - Default Latch Disable
 - Do Not Interrupt
 - Keypanel Privacy
 - Keypanel Mirroring
 - Use Keypanel Labels on display
 - Remote Assignment Gains
 - Force Tone
 - Priority Call Volume
 - Port is TIF
 - TIF Dial-Out Restrict
 - Remote Resource Property Editor
 - View only display of remote resource settings including Resource Type, Index, Alpha and name of trunked matrix where the resource can be found.



Suite

Version 1.2.0 Release Notes

RTS NEO Intercom Management

3. Improved Features and Fixed Issues

Version 1.2.0

- General
 - Fixed issue where RTS NEO was unable to connect to ADAM and ADAM-M intercom types under certain conditions.
 - Improved general connection stability with various intercom types.
 - Fixed an issue where the macOS version of RTS NEO would freeze after macOS would go into sleep.
 - Resolved issue where editors weren't respecting the application preferred sorting order.
- KP Editor
 - Fixed issue where Quick Edit would appear in the wrong location if "Assignment Info" was enabled.
 - Fixed issue where multiple Advanced Search instances could be opened.
 - Fixed various issues with copy/paste.
 - Fixed issue where popup context menus would occasionally appear in the wrong places.
 - Added Up/Down control to the Port Selector tool bar.
 - Improved operation when multiple keypanels are present.
- IFB Editor
 - Fixed crash when opening IFB Editor.
 - Fixed issue where IFB gains would not change correctly.
- IFB SL Editor
 - Fixed issue where Listen Source showed the normal alpha instead of the listen alpha.
- Property Editor
 - Fixed issue where Property Editor changes would briefly revert before being finalized.
 - Fixed Edit button not working for P-P resources.

Version 1.1.0

- General
 - Implemented F10 shortcut key to Send All Changes to the intercom.
 - Improved switching focus between viewlets when viewlets are undocked from the main window.
 - Fixed issue where RTS NEO would not connect to an intercom that had matching primary and partner IP addresses.
 - Clear Pending Changes dialog now closes with the ESC key.
 - Clicking the Clear menu item in various text field context menus will now trigger the orange change indicator dot to be shown on the changed fields.
- Intercom Manager
 - Intercom Manager viewlet now properly displays Input Alphas when the RTS NEO application is first opened.
 - When sorting resources by Alpha name, Alphas are now sorted using natural sort order instead of alphabetical order. The sort order was changed so the ordering of alphas containing numbers appear in a more logical sequence to the user.

- Resizing the Description 1 column in the Intercom Manager Resource List no longer causes the Description 1 column to jump to an incorrect width when Input Alphas are disabled.
- Keypanel Editor
 - Fixed issue with Quick Search selecting incorrect assignments when opened while having a pending assignment change.
 - Quick Search window will no longer appear multiple times if more than one Keypanel Editor is displaying the same port.
 - Quick Search match results color indication now displays correctly when using lower case letters in the search field.
 - Quick Search and Advanced Search match results color indication now always displays green when search results return a single valid assignment.
 - Fixed issue with clicking Clear in Quick Search context menu not reselecting the Quick Search input field.
 - Fixed multiple key selection using CTRL and SHIFT keys so it is consistent with the user's OS platform.
 - The Assign button in Advanced Search dialog is now only enabled when a valid assignment is selected.
- Property Editor
 - Added Support for Remote Tally field for IFBs and IFB Special List resources.
 - Added support for Remote and Local Party Line Tallies for Party Line resources.
 - Improved keyboard focus for the Property Editor viewlet.
 - Fixed issue which would cause text input fields in the Edit Alpha dialog to remain selected when using the right click context menus.
 - Description text of greater than 24 characters was not being correctly shown when the application was initially loaded. Only the first 24 characters in the description were being displayed.

Version 1.0.0

- N/A

4. Known Issues

Version 1.2.0

- General
 - Issues with viewlet focus when using multiple undocked viewlets.
 - Under certain scenarios, undocked viewlets cover up the application's dialog boxes.
 - RTS NEO does not update when expansion panels are added/removed from a port.
 - Docking certain windows breaks when Windows setting "Show windows contents while dragging" is disabled.
 - Member lists in various editors do not resort on alpha change.
 - Back tab does not work in a variety of cases.
 - Very long alphas are occasionally cut off in certain UI elements.
 - Shortcuts don't work when undocked widget is focused.
- Intercom Manager



Suite

Version 1.2.0 Release Notes

RTS NEO Intercom Management

- Only a single resource can be dragged from the Intercom Manager and dropped in the Keypanel Editor.
- Intercom Manager resource list scrolling is sometimes unresponsive and/or laggy.
- Keypanel Editor
 - CWW/Key 16 special validation is not yet implemented.
 - Listen Key and Talk Key state options are not disabled if the Setup Page is not assigned to a keypanel.
 - Issues with keyboard focus when Listen and/or Talk keys are hidden.
 - Issue where if the same port is opened in multiple editors' quick search will appear duplicated on the keypanel editor.
 - Go to Alpha (Ctrl+G) does not work after using Open Alpha in new editor (Ctrl+Shift+G).
 - Can drag setup pages to keypanels which are not configured.
 - Occasionally hotspots on keys can be disabled when key search is in use.
- Device View
 - Key Inspector arrow key navigation does not work.
 - Key Inspector doesn't move correctly when opened via key index.
 - Key Inspector not moving to focused key when pinned.
 - Device View for RVOC EDGE is not supported when setup pages are unassigned.

5. Compatibility

Version 1.2.0

RTS NEO Intercom Management Suite is compatible with the following RTS hardware:

- **Digital Matrix Intercom Systems**
 - OMS
 - ODIN
 - ADAM-M
 - ADAM
 - Hybrid RVOC
 - RVOC Engine

6. Installation and Upgrade

Windows

- To install RTS NEO Intercom Management Suite on Windows 10 and Windows 11:
 - Double click on the RTS_NEO_Setup_vX.X.X setup executable.
 - Follow the steps provided on the screen to install RTS NEO.
- To upgrade RTS NEO Intercom Management Suite:
 - Uninstall any previous of RTS NEO Intercom Management Suite using the Windows Uninstall Program feature under Control Panel
 - Locate the appropriate version of RTS NEO Intercom Management Suite installation package to install RTS NEO

macOS

- To install RTS NEO on macOS 11.0 and above:
 - Open the installer file RTS-NEO.pkg



Suite

Version 1.2.0 Release Notes

RTS NEO Intercom Management

- Click Continue.
 - The installation will then continue. Follow the steps provided on the screen to install RTS NEO.
- To remove RTS NEO Intercom Management Suite and RTS Bridge Service from a macOS machine do the following:
 - RTS Neo - drag the application to the trash to remove the application.
 - RTS-Bridge - to remove RTS-Bridge from the machine completely, the following commands need to be run in terminal.
 - – launchctl stop "com.rts.rts_bridge"
 - – launchctl remove "com.rts.rts_bridge"
 - – rm /Library/LaunchDaemons/com.rts.rts_bridge.plist

7. Revision History

Revision	Date	Author	Description
1	06/14/2024	RTS Engineering	Initial Release for v1.0.0
2	01/22/2025	RTS Engineering	Updated to Version v1.1.0
3	07/01/2025	RTS Engineering	Updated to Version v1.2.0