

Release Notes

Ultrix

Ultracore BCS

Ultracore CC

ROSS

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VERSION HISTORY

VERSION 6.4.0 (EBDDA019) 2/14/25

EQUIPMENT

- ULTRIX-FR1/FR2 (including -NS)
- ULTRIX-FR5 (including -NS)
 - UCCI Upgrade Required? YES ☐ NO ☒
- ULTRIX-FR12
- ULTRICORE-CC
- ULTRICORE-BCS
- ULTRICORE-OE

FEATURES & ENHANCEMENTS

- Improves UltriProc responsiveness when enabled concurrently with Ultrimix-Dante.
- ULTRIX-IPX-IO support for multiple audio streams (1, 2, or 4) per video stream is now also supported in systems controlled by an Ultricore-BCS (Previously supported in 6.2.x for stand-alone Ultrix).
- A new Group Push Button (PB) feature enables you to create a soft panel where the destinations and sources are determined by the Group Categories interface but organized into a vertical layout that is like the Ultritouch PB panel type.
- Improved the salvo creation workflow with line-by-line scrolling instead of page scrolling on the salvo page.
- Simplified the database configuration toolbar with an icon-only layout. The functionality of the icons is reported by hovering over the specific icon or in the navigation menu in the toolbar.
- Increased the number of concurrent GVG native protocol clients from 40 to 80.

BUG FIXES

- UR-6598: Improved management of user defined parameters when replacing an SD card.
- UR-7612: Ultrix / Frames will now fall back to static IP if no DHCP server is found.
- UR-8372: Acuity / Resolved an issue where on rare occasions, switching video would fail.
- UR-8802: Ultrix-FR12 / Made improvements to ensure licenses are retained seamlessly when swapping a crosspoint.
- UR-9111: Ultriscape / Resolved an issue where the default head label was used instead of the user specified custom label for the head UMD.
- UR-9420: Ultrix-FR12 / Fixed an issue where on a rare occasion, audio routing would fail.
- UR-9435: Improved workflow robustness when importing a database from a spreadsheet.
- UR-9490: Ultrix / Fixed a Rippaview panic that could occur when editing panels.
- UR-9494: Resolved an issue where tielines were not available after a reboot.

- UR-9678: Ultricore-TLX / Corrected the naming of the MODX destination ports.
- UR-9690: Ultricore-TLX / Resolved an issue that could lead to an incorrect tieline status during an Ultricore-BCS failover.
- UR-9733: Ultriscap / Fixed an issue where the layout thumbnails were not displayed on the Ultritouch MV soft panels.
- UR-9758: Ultriscap / Resolved a PiP routing issue when using Ultritouch MV soft panels.
- UR-9796: Ultricore-BCS / Resolved an issue where a Dashboard connection could be interrupted.
- UR-9813: Ultrix-IP / Fixed an error condition when editing audio sender parameters.
- UR-9820: Ultrix-IP and Ultrix-IPX / Resolved an issue where the PTP status parameters did not update dynamically.
- UR-9844: Ultrix-IP / Resolved an issue where sender and receiver labels were not updating properly via NMOS.
- UR-9950: Improved workflow robustness of alias entry in DashBoard.
- UR-9972: Ultricore-TLX / Resolved an issue where the Refresh I/O function could alter paths defined in the IP matrix.
- UR-10004: Ultrix-IPX / Fixed an issue when enabling audio receivers one by one created distortion on audio streams.
- UR-10010: Ultricore-TLX / Improved the robustness of tieline routing.
- UR-10014: Ultricore-BCS / Ensure aliases are loaded correctly after boot-up.
- UR-10015: Ultricore-TLX / Improved robustness of tieline routing.
- UR-10016: Ultricore-TLX / Improved robustness when recalling large salvos.
- UR-10024: Ultricore-BCS / Fixed a loss of DashBoard connection issue.
- UR-10027: Ultriscap / Alias set will no longer load before pressing the apply button.
- UR-10095: Ultrix / Fixed an issue where the port status would not update immediately.
- UR-10100: Fixed an issue where presets were not visible on single level matrix panels.
- UR-10106: Ultricore-TLX / Improved robustness of tieline routing when a device is not present.
- UR-10108: Ultrix-IPX / The UI now restricts connections to supported audio streams only.
- UR-10118: Improved workflow robustness when importing aliases from a spreadsheet.
- UR-10126: Ultricore-TLX / Added support for multiple IP audio streams.
- UR-10138: Corrected an issue where routing status was offset on Multibus soft panels.
- UR-10196: Ultricore-TLX / Fixed an issue where a user could not map NK SDI audio channels.
- UR-10279: Corrected an issue related to repeated message throttling that could impact third party clients.
- HYPCOD-1054: MOD-NDI / Resolved an issue with NDI stream detection.

APPLICATION NOTES

- Before upgrading to v6.4.0:
 - It is STRONGLY recommended to export a copy of the current system database.
 - Before upgrading to v6.x from previous versions, verify whether the Ultrix connection name in the Outgoing Connections section (refers to Connections page)

- is different from the Ultrix frame's name. If it is, rename the connection's name to match with the existing Ultrix frame name.
 - If the router was upgraded to v6.x and the user imported a v5.x database, check the Ultrix > Database > Configuration > Routing Devices page and fill any missing settings (e.g. the IP address may have defaulted to 0.0.0.0)
 - Upgrading a redundant Ultricore-BCS system to 6.4.0 from a version prior to 6.x requires that the system be decoupled prior to upgrade. For redundant systems previously upgraded to 6.x, the standby system must be upgraded first.
- After an upgrade from 5.6, active ULTRIPROC-3DLUT channels might not preserve colorimetry/transfer function settings for the LUT. Switching the LUT selection to none, waiting 3 seconds, and then reselecting the LUT will permanently solve the problem.
- On first upgrade to v5.1.0 or newer, users must re-enable previously used external protocol servers (Services Setting).
- As of v5.2.0, the default SNMP community name for factory installation has been updated to *ultricore* from the less secure *public*. For stronger security, it is strongly recommended that users set their own community string.
- Ultrix SW Compatibility with SWR-SDPE blades.
 - Ultrix Carbonite v9.1.6
 - Ultrix Acuity v14.0e
- On ULTRIX-FR5, the cooling fans can remain at 100% even at lower temperatures. This will be fixed in an upcoming release.
- DashBoard v9.13.0 is required for the best user experience.
- To upgrade ULTRIX-MOD-NDI modules, you must first upgrade Ultrix Frame and then the ULTRIX-MODX-IO blade as usual. You must then reboot the frame before upgrading the software on the ULTRIX-MOD-NDI module(s). No reboot is required after the module upgrade.
- Starting at v4.8.X, the upgrades should be done in the following order:
 - Upgrade Frame -- **DO NOT Reboot** when prompted by DashBoard after frame update.
 - Upgrade all cards (including switcher cards) -- **DO NOT Reboot** when prompted by DashBoard in between card updates.
 - After both FRAME and ALL CARDS have been successfully updated, power-cycle the frame.
- In the rare occurrence of a failed card upgrade, the user should power-cycle the Ultrix and perform the upgrade again.
- To upgrade from versions prior to 4.0.0, contact Ross Technical Support for assistance.