HOME Product Release

Product Release: **V2.3.0-4**

Release Date: 09th October 2024

Important notes

- To check the compatibility of end devices with this HOME release, please refer to the release notes provided by the respective controllable device.

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New Features

- **Add SDI Loopback Control for SDI Outputs*:**
  - o UI representation of the GCF control for the virtual loopback in the SDI I/O page of .edge.
  - **Note: ready in HOME, however requires an upcoming release of .edge where the virtual SDI loopback will be available.*
- **Improve etcd health monitoring:**
  - o ETCD server health monitoring algorithm has been improved in a way to remove false positive warnings related to slow reads, slow writes, and slow CPU.
- **NMOS Importer to translate Master Enable flag to HOME API**
  - o Representation from the NMOS master enable flag to also be the flow enable field on a HOME Sender. This allows a system using the HOME API to be able to set/unset the flow enable field on a HOME Sender which would then update the master enable field on the NMOS device via the IS05 patching. A user of the HOME UI would also be then able to do this via the Enable button on the senders page.

Bug Fixes

- [RNDHOME-164] - UI: Virtual Mixers not shown on standalone UHD Core device "General" tab
- [RNDHOME-528] - UI: Applying destination lock to expandable destination causes elements to overlap
- [RNDHOME-690] - The source essence labels and numbers do not appear on the stream routing page for HOME Apps
- [RNDHOME-848] - Stream routing page - Invalid warning when selecting multiple destinations
- [RNDHOME-898] - Snapshots should not be able to have duplicate labels
- [RNDHOME-947] - UI: "Virtual Mixers" table on a UHD Core device page should display useful data about mixers
- [RNDHOME-1046] - GCF Edit box does not follow back channel update
- [RNDHOME-1066] - Stream routing page needs manual refresh to update disable button status
- [RNDHOME-1093] - .edge SORD labels do not show in SDI I/O tab
- [RNDHOME-1135] - Perform Backup failing

HOME v2.2.0-271

Release Date: 09th August 2024

New Features

- **HOME Support for Active/Backup MGMT interface Bonding:**
  - It is now possible to implement cable redundancy without relying on stacking, MLAG, or vPC. This feature uses a single IP address on a single subnet, ensuring seamless failover and enhanced network resilience.

- **APT Mirror Support:**
  - We now offer APT Mirror support to update the versions of Ubuntu 20.04 packages with the latest security updates in our customers' offline environments. This initiative helps us meet the EBU R143 recommendation, ensuring that our systems adhere to the highest security standards.

- **Validating Licensing for NMOS Importer/Exporter Functionality:**
  - Customers owning a perpetual license can now activate the feature by introducing the license to HOME. Alternatively, they can use credits to activate the feature on demand and for a scheduled timeframe. It is important to note that systems actively using the feature in the field can be upgraded, but an active license is required to make them operable after the upgrade. We recommend requesting a perpetual license or credits prior to the upgrade. To order a license, please ensure you have the system ID of the HOME system you are about to upgrade available.

- **C100 Proxy:**
  - We now offer the ability to use C100's senders and receivers in Stream Routing. This feature has been highly requested for many projects where a UHD Core failover mechanism was implemented.

- **Mandatory NTP Configuration in HOME:**
  - Due to the addition of licensing services in HOME, it is now mandatory to configure NTP. Additionally, in systems with numerous components and devices, having a single time source is now considered best practice, as it simplifies debugging or investigation when checking logs. If NTP is not running, the licensing service may become out of sync with the HomeApps server and .edge devices.

- **Node-Sys-Upgrade – compliance with NodeSys 3.6.0:**
  - As NodeSys 3.6.0 provides the ability for customers to change the root password, a change has been made to the Node-Sys-Upgrade tool. Engineers can now enter the password in a prompt when performing an upgrade. Important note: This method only applies if the same password has been set on all devices being upgraded using the tool

- **Update of Observability Services:**
  - Grafana has been updated from version 8.4.5 to 11.1.0. Prometheus has been upgraded from version 2.43.0 to 2.51.2.

Bug Fixes

- [RNDHOME-191] - Intermittent Issue: After installing Home with use_home_provided_ntp_server as True you cannot switch back to use an External NTP Source instead
- [RNDHOME-310] - Vertical line in device page is too short
- [RNDHOME-334] - Add missing device images
- [RNDHOME-350] - UI: Create redundancy group buttons are out of view for systems with many devices
- [RNDHOME-513] - Expanding flex licensing box can cause buttons to float outside of the dialog
- [RNDHOME-563] - Licensing UI: The colors and contents of notices in the flex credits page can change unexpectedly
- [RNDHOME-580] - Unexplained Server Shutdown
- [RNDHOME-594] - Remove checkboxes and toolbar if there are no actions available
- [RNDHOME-605] - Refactor the Home Installer to meet Ansible Lint standards

- [RNDHOME-606] - Wrong icon shown in VLAN for Unused
- [RNDHOME-691] - HOME does not update c100 proxy information on re-configuration of the c100
- [RNDHOME-723] - UI: Address allocation popup is transparent, showing UI elements underneath
- [RNDHOME-728] - Similar issue to 'Active Stream Health Warning' for Merging Devices
- [RNDHOME-747] - NMOS import connection is broken on refresh page
- [RNDHOME-776] - HOME shows on PowerCore only mono outs for Headphones. Must show stereo.
- [RNDHOME-795] - Attempt to use VSM with an NMOS imported device causes the nmos-import service to crash
- [RNDHOME-806] - NMOS-Exporter update the flow resources for the different media types (as seen at IMG with GV Node)
- [RNDHOME-813] - NSU Location is incorrect
- [RNDHOME-829] - NMOS Exporter: Crossed interfaces in Cerebrum
- [RNDHOME-830] - Advanced control pages keep old value in edit box on update
- [RNDHOME-832] - Create CSS constants and bring more consistency to styling in Home UI
- [RNDHOME-833] - MV GCF - Tally bits Error dialog persists when it should not
- [RNDHOME-842] - Implement copying from GridTable cells
- [RNDHOME-860] - Tie-Line column sometimes missing in UI
- [RNDHOME-868] - HOME Apps: Hidden licensing icons
- [RNDHOME-870] - Box shadow for sticky columns in GridTable appears in the wrong place
- [RNDHOME-872] - The Home Apps MC2 DSP App device type is 'Virtual Mixer In' on the UI
- [RNDHOME-878] - Blank page after loading snapshot with console to mixer mapping for a mixer that is offline
- [RNDHOME-882] - UI design - fix border radius on top bar
- [RNDHOME-909] - NMOS Import: Changing of existing Sord name through non HOME interface -e.g Merging Web means signal name not updated
- [RNDHOME-940] - Not possible to connect a transmitter to LCU receiver
- [RNDHOME-950] - Creating New DHCP Pools causes the UI to crash
- [RNDHOME-953] - Sticky Rx Stream Health Warnings
- [RNDHOME-968] - HOME shows a second physical port 2 for a MADI SRC card
- [RNDHOME-979] - NMOS connection is flickering while connected using valid licenses.
- [RNDHOME-1003] - NMOS Import - Senders Appear and Disappear (NHK)
- [RNDHOME-1004] - Improve guardian behaviour during cold boot
- [RNDHOME-1008] - NMOS Import Update Sender Processing (Fox)
- [RNDHOME-1009] - HOME - NMOS Exporter or .edge ignoring sender change
- [RNDHOME-1026] - NMOS Import Receiver Flow incorrect displayed for metadata when no SDP present (FOX)
- [RNDHOME-1029] - HOME - NMOS Exporter receiver race
- [RNDHOME-1036] - UI: HOME Account settings + logout buttons should be hidden if authentication is disabled
- [RNDHOME-1042] - Disable sender button does not work for NodeSys devices
- [RNDHOME-1043] - NMOS Import : Update Lock handling on Device removal
- [RNDHOME-1050] - Config Service: Snapshots Update time shown to local time
- [RNDHOME-1052] - GPIO Connections not properly recreated after device or service restart
- [RNDHOME-1053] - Snapshot page time stamp doesn't sync to local time, it works only on UTC time
- [RNDHOME-1081] - NMOS page is broken and displays the server error on refreshing.
- [RNDHOME-1095] - Prometheus storing more then 20GB of metrics data
- [RNDHOME-1100] - Health status for Proxy Devices not reported correctly in MCX
- [RNDHOME-1115] - NodeSys device interfaces reject "Not in Use" or static 0.0.0.0 status

Known Limitations

- Signal Ownership table has 2 x scroll bars
- HOME "Licensing" page needs to show all licensing - including .edge perpetual
- IO Routing modal does not show existing routes from other sords: routed source it's not represented when select the I/O routing directly in the receiver or sender
- Warnings on the devices page are too fast to register
- HOME stream routing lock does not prevent from disconnect from source side
- HOMEUI - Incorrect "disable" information when UHDC sender is linked to a edge receiver
- Application Logs Filters not working

Contacting Lawo Support

Should you have any questions or concerns regarding the update of your equipment, please contact our Support team. The team will be able to provide technical assistance over the telephone and, if necessary, remote maintenance during common office hours (Monday – Friday 09:00-17:00 hrs CET).

Please send your email to: support@lawo.com

Your e-mail should include the following information:

- Name and phone number of the contact person as well as the time when this person is available
- Number and type of the system(s), including Serial Numbers
- Current software version

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