

BrightSign®

OS8.5 BETA NOTES

Version 8.5.14

AU3x5, XTx44, XDx34, HDx24, HS1x4, LS424, XTx43, XDx33, HDx23, HO523, HS123, LS423, 4Kx42

Changes Since 8.4.14

New Features

- OS-12400: Node upgraded to version 14.
- OS-12444: Chromium upgraded to version 87.
- OS-12814: HtmlWidget now supports dynamic orientation changes.
- OS-12896: Reinstated “file://” access from data URLs.
- OS-12599: Added new BrightSign compositor and widget model.
- OS-13065: Replaced npm fetcher with git fetcher.
- OS-13018: Enabled HTML GPU rasterization.
- OS-12519: Restored WebRTC and DesktopCapture.
- OS-12890: Added support for hwz video opacity.
- OS-13117: Added a registry option for --allow-running-insecure-content.

Improvements

- OS-12892: Current playback position is now used for duration when duration is unknown.
- OS-12999: Playback now retries after decoder shortage failure.
- OS-13085: Disabled DVB subtitle warning of discarded data.
- OS-12767: Re-implemented HTML blob playback.

- OS-13094: Improved AudioConfig initialization.
- OS-12891: Allow websites from the “file:///” domain to access cookies.
- OS-12918: Switched from QWidjet to QtQuick.
- OS-13121, OS-13172: Applied numerous CVE fixes:
 - CVE-2021-0129, CVE-2021-45960, CVE-2021-46143, CVE-2022-22822-27, CVE-2022-23852, CVE-2022-23990, CVE-2022-25235, CVE-2022-25236, CVE-2022-25313-5, CVE-2021-42374, CVE-42376, CVE-2020-36254, CVE-2021-27218, CVE-2021-27219, CVE-2021-28153, CVE-2021-3995, CVE-2021-3996, CVE-2021-45078, CVE-202-23903, CVE-2020-10531, CVE-2021-33560, CVE-2021-40528, CVE-2021-36976, CVE-2021-3658, CVE-2022-23308, CVE-2022-1271, CVE-2022-0204, CVE-2022-0563
- OS-13089: HTML video now pauses before load when not playing with sync.
- OS-13155: Fixed Qt no stencil and depth buffer warning messages.
- OS-12941: Disabled unused Chromium dbus interface.
- OS-13010: HDCP2.2 beta functionality is now disabled by default. This can still be enabled if users wish to experiment with HDCP2.2.

Bug Fixes

- OS-12961: Fixed media player lifetime issues.
- OS-12865: Fixed crash with touch events.
- OS-12914: Fixed image decoder crash when attempting to clean an empty buffer.

- OS-13024: Fixed a failure when loading non-context aware modules on Chronode.
- OS-13061: Fixed node crash when main frame is replaced.
- OS-13022: roUrlTransfer no longer allows curl_debug with encrypted BrightScript.
- OS-13099: Fixed crash on 4Kx42 players when HTML is used.
- OS-13053: Fixed video location mismatch error.
- OS-12888: Fixed crash from HTML popup selection.

Chromium

- Chromium is updated to 87.0.4280.144. For further information refer to [Chrome Releases](#).
- Node.js (Chronode and roNodeJs) updated to 14.17.6
- Notable changes:
 - Chromium has dropped support for desktop style scrollbars. BOS 8.5 is shipped with overlay scrollbars. Overlay scrollbars overlay on graphics and only gets displayed when page is scrolled. They disappear when page is still.
 - Chromium uses separate JS contexts for data URLs. It is no longer to inject javascript from data URL and access window context.
 - Data URLs no longer share the same URL domain with the origin domain. It is no longer possible to access cross site data from data URL's.
 - WebGL antialiasing is enabled by default.

- Chromium has added support to view remote device screen through inspector view. This is not supported on Brightsign devices due to architectural differences between desktop Chromium and Brightsign.
- Chromium has added more stringent security policies around cross site requests. Some of these security options can be disabled if needed. But, unlike our `security_params(roHtmlWidget | roHtmlWidget-[roAssociativeArray]security_params)` This security options cannot be disabled per instance. We have added “html” → “disable-web-security” registry option to disable these security checks. This change takes effect after a reboot.