StageNow 5.5
Release Notes – December 2021

Highlights
- **Supports MX 11.2 features**

Device Support

Supports all Zebra devices running Android

New features in StageNow 5.5

Now supports MX 11.2, which adds the following major features and enhancements:

- **AudioVolumeUI Manager adds the ability to**:
  - Assign preset volume levels of STREAM_MUSIC for HDMI output

- **AudioVolumeUI Manager deprecates the ability to**:
  - Merge ring/notification and system into a single stream
  - Merge Bluetooth and wired headset volume limit for Ring, Notification, System, Alarm, KVS and VVS streams
  - Remove UI label, UI icon and control parameters (deprecated)
  - Remove Receiver Volume Limit for streams (except for voice calls)

The following features introduced in MX 10.5 and supported by StageNow 5.3 are compatible only with devices running Android 10 or later. **NOTE: Devices running Android 11 or later require MX 11.3**

- **DevAdmin adds the ability to**:
  - Choose the Lock Screen wallpaper
  - Enable or limit display of Lock Screen notifications
- **Display Manager adds ability to**:
  - Select Allowed Orientations for a device
  - Select Locked Orientation positions for a device
  - Show/Hide a Lock Override button on a device
- **UI Manager adds ability to**:
  - Enable/Disable Clipboard Share to control off-device data sharing
  - Select digital assistant app to use on the device
  - Specify a custom digital assistant app to use on the device
  - Select a Home Screen wallpaper

Resolved Issues in StageNow 5.5
- None

Issues resolved in earlier releases:

- StageNow no longer crashes if unsupported special characters are entered when changing the Admin password; an error message is displayed.
- When setting App Manager background app data feature, input value entry field is now visible for entering the name of the app package(s) on which to perform the App Feature Action.
- Setting Intent Manager now shows input value entry field after selecting Json String option.
- Power Key Manager now appears normally when creating a Profile with MX 10.2.
- Editing a copied Profile no longer impacts the original Profile.
- Editing Profile settings and wizards no longer corrupts the Profile.
- Smart Profiles now supports additional devices running Android 10 and resolves upgrade-build issues.
- An issue involving editing of Profiles created with StageNow 4.2 wizards has been resolved.
- Dynamic Profile accepts the ampersand (&) character in Input .csv file while generating barcodes dynamically.
- StageNow can now be used on workstations with users other than the "Admin" user.
  Note: The Trusted Staging feature is not available for non-admin users.
- Intent Manager now supports EMM enrollment using Google's CloudDPC client.

Usage Notes

The following versions of StageNow can be upgraded to StageNow v5.5:
1. StageNow v5.4
2. StageNow v5.3
3. StageNow v5.2
4. StageNow v5.1

IMPORTANT: StageNow must be launched at least once before being upgraded.

Known Issues

- Persistence is NOT supported for the "None" option of the Digital Assistant App parameter of UiMgr.
- File Manager "Embed in XML" option usage is NOT recommended for file size greater than 50 KB.
- A "null obj reference" error intermittently occurs when executing a PowerMgr Action Upgrade/Update/Downgrade Action after loading LG Patch 01-23-18.00-OG-U06-SDT through adb. Possible **REMEDY**: Try the action again.
- After changing default USB preference, changed USB preference may not reflect. **REMEDY**: Unplug and Plug the device, you can see the changed USB behavior.
- A10 Smart Profile updates will not work if already downloaded using StageNow v5.0.1 once upgraded to v5.0.2. **REMEDY**: Delete the older respective xml files for those builds from \AppData\Roaming\StageNow\AST\FTP\SETTINGS and create a fresh Lifeguard profile.
- Zero Touch profiles will not work if already created in previous versions of StageNow after upgrade to 5.0.2 **REMEDY**: Create a fresh Zero Touch profile using upgraded version 5.0.2.
- StageNow device client does NOT support secondary users when using Android multi-user mode.
- StageNow does NOT support Android split-screen mode.
- DataWedgeMgr in StageNow tool with MX 9.4 is not compatible with devices running with MX 9.4.

- Screen flickering before an Enterprise Reset has been observed on Android Oreo devices when the reset is performed using a StageNow barcode, this is temporary and there are no adverse effects to the device operation once Enterprise Reset has been completed on the And Oreo devices.
- Dynamic Staging functionality is available only to the Staging Administrator; Dynamic Staging profiles published to the Staging Operator might not work as expected.
- Device reboot is sometimes executed before applying configuration settings if the reboot setting is placed in the deployment section of a Profile. **REMEDY**: Do not add reboot settings using the assisted Wizard, use Xpert mode to construct the same defined profile with the reboot setting or use Xpert mode to reboot the device.
- .bin files generated from a staging profile sometimes do not work on the device. **REMEDY**: Generate new .bin file from same profile.
- Wi-Fi Hotspot staging feature is NOT supported on workstations running Windows 10.
- If StageNow does not run as expected on Windows 10, quit and launch StageNow while selecting "Run as Administrator."
- Check for updates on startup (AWS/auto tool Updates) has been stopped; please download and install the latest StageNow tool from the Zebra support portal.
- CSP Library:
  - Can be used for importing plug-in CSPs with their features displayed alongside other MX versions.
  - Errors sometimes occur when deleting an .apk file imported to the CSP Library as a plug-in CSP. TO REMEDY: Export all profiles, delete the StageNow DB and re-import all profiles. (StageNow DB is found in the %APPDATA% directory).
- To bring in AccessMgr changes for legacy devices, MX 9.4 has been introduced.
- StageNow MX 9.4 features work only on devices with MX 9.4; it is not backward compatible with MX 9.3 or 9.2. MX 9.4 is backward-compatible only with MX 9.1 and older MX versions.
- Trusted Barcode Staging is not supported with MX 9.4.
- MX 9.4 feature set is equivalent to MX 9.1 features with enhanced AccessMgr changes only.

Important Links

- StageNow Installation and Setup

  Note:
  - For the Chinese-language version, download an Adobe Acrobat reader that supports the desired language variant and generate the staging barcodes from a Staging Profile.
  - StageNow upgrade/migration is supported from the last two release versions to the present.

  The StageNow release consists of the following deliverables:

Deliverable	Description
staging_solution_signed.exe	StageNow installer
StagingInstallGuide.pdf	StageNow installation guide

- See all supported devices

  Note: The MX features supported on a particular device depend on the installed version of Android, MX and OSx. To determine supported features, use the drop-downs in the MX Feature Matrix SmartDocs bar.

About StageNow

StageNow is Zebra Technologies' next generation staging solution for Zebra Android Mobile Devices. Staging is top of mind for our customers and partners as it is the initial process by which devices are taken out of the box and prepared for production use. Staging enterprise mobile devices can be done manually which is error prone and time consuming. Custom solutions are also used but are often not supported or forward compatible with newer devices. Zebra Technologies' Tier 1 MDM products can also be used to stage and manage Mobile Devices; however, these powerful tools come with a price tag. StageNow is not only free of charge but also helps eliminate deployment barriers that add additional IT complexity, time, and costs.

StageNow supports features such as: software updates, OS Updates, export profiles for MDM, connect devices to a network, configure device settings and security, install and launch applications, wipe and reset devices, enroll devices to an MDM with a simple scan of a barcode or NFC tag, and more.

The application can be downloaded for free and installed on any Windows 7/10 professional PC with no pre-requisite software — no need to purchase, locate, license.