StageNow 5.10
Release Notes – May 2023

Highlights

- **Supports MX 11.9 features**
- **Allows selection of the latest EHS apk for device installation**

Device Support

Supports all Zebra devices running Android

New Features in StageNow 5.10

Supports MX 11.9, which adds the following major features and enhancements:

- **Access Manager adds the ability to:**
  - Grant permission to some Zebra apps to read app logs.
- **Cellular Manager adds the ability to:**
  - Block incoming and/or outgoing calls.
  - Override call blocking after an emergency call from the device.
- **Enterprise Keyboard Manager adds the ability to:**
  - Allow an administrator to enter a custom language to be used by Enterprise Keyboard.
- **Network Connection Manager is a new CSP that allows an administrator to set preferences for connecting to cellular (WWAN) and Wi-Fi (WLAN) networks** to help ensure that devices use the optimal network at all times.
- **Wi-Fi adds the ability to:**
  - Allow an administrator to select the FTM Location Update Mode, a preference for the frequency of updates to the Fine Timing Measurement Location on a device.

Resolved Issues in StageNow 5.10

- [SPR-50379] Camera feature (enable/disable all cameras) was only working when Zebra Device Manager is made as the Device Owner.

  - When installing EHS 5.0 or later, administrators must set EHS as the default launcher.
    There are **multiple ways to do this**:
  - Use the StageNow's Xpert Mode and the "SetDefaultLauncher" Action of AppMgr
    - Long-press EHS App icon and select App Info
    - Go to Settings > Apps > Default apps > Home app
  - The Service Auto-launch feature is deprecated. Android support for this feature ended with Android 8.1.

Known Issues

- The "Manage Enterprise Home Screen" Wizard in StageNow 5.9 (and older) is not compatible with EHS 5.0 or later. **REMEDY**: Upgrade to StageNow 5.10 (or later) or set EHS as the default launcher using one of the methods in Usage Notes, above.

Issues resolved in earlier releases:
- [SPR-47018] Profile data is no longer lost after editing a Profile with StageNow v5.6.
- No longer prompts to contact administrator when trying to modify a password multiple time.
- No longer loses data when upgrading from a prior StageNow version.
- Data in Source File field now works properly when deploying Profile.
- Now properly supports Friendly Name for Wireless Analyzer and other CSPs.
- 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 Profiles accepts the ampersand (&) character in the Input .csv file for generating barcodes dynamically.
- StageNow can now be used on workstations with users other than the "Admin" user.
  Note: The Trusted Staging feature is still 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 v5.10
1. StageNow v5.9
2. StageNow v5.8
3. StageNow v5.7
4. StageNow v5.6
5. StageNow v5.5
6. StageNow v5.4
7. StageNow v5.3

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

Known Issues

- JavaScript barcodes are not supported for use with Lifeguard Smart Profiles.
- Editing or deleting a Profile created using Wizard will result in an error.
- File Manager in the StageNow Tool supports uploading/downloading files with less than 2gb only.
- A JavaScript barcode is generated only from Profiles that contain at least one Action or Setting change.

- [SPR48815] A Script Error sometimes appears when clicking on the "Browse for Lifeguard Updates" login prompt.
- The number of barcodes may increase in JavaScript configuration compared to XML, when Batch CSP is included.
- [SPR46444] A previously working Profile fails with an error message similar to: "A downloaded file necessary to provision the device Is corrupted." This is usually caused by an unstable network connection.
- In MX 11.5, FileMgr shows "Source access method" parameter twice. **REMEDY**: Use option with "File on remote server" and "File in device file system."
- 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-STD through adb. **REMEDY**: Trying the action again sometimes resolves this issue.
- Changing a default USB preference is sometimes not reflected. **REMEDY**: Temporarily unplugging the device usually resolves this issue.
- Smart Profile updates for Android 10 will not work after upgrading to StageNow 5.0.2 if they already existed StageNow v5.0.1. **REMEDY**: Delete the older respective XML files for those builds from `\AppData\Roaming\StageNow\AST\FTP\SETTINGS` and recreate the Lifeguard profile.
- Zero Touch profiles will not work if already created in previous versions of StageNow after upgrading to v5.0.2 **REMEDY**: Create a fresh Zero Touch profile using the upgraded version 5.0.2.
- 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.
- Binary (.bin) files generated from a staging Profile sometimes do not work on the device. **REMEDY**: Generate new .bin file from same profile.
- If StageNow does not run as expected on Windows 10, quit and launch StageNow while selecting "Run as Administrator."
- Checking for updates to StageNow on startup is disabled. Updates must now be performed manually using downloads 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. **REMEDY**: Export all profiles, delete the StageNow DB and re-import all profiles. (StageNow DB is found in the %APPDATA% directory).
- StageNow MX 9.4 features work only on devices with MX 9.4; features are 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.

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 release versions StageNow v5.3 to the present.

  The StageNow release consists of the following deliverables:

Deliverable	Description
staging_solution_signed_ v5_10.exe	StageNow installer

- 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.