



# StageNow 5.9

Release Notes – April 2023

## Highlights

- Supports MX 11.8 and MX 11.7 features
- Now creates non-XML barcodes for all MX versions through MX 11.8
- Supports Zebra devices running Android 13

## Device Support

Supports all Zebra devices running Android

## New Features in StageNow 5.9

Supports MX 11.8, which adds the following major features and enhancements:

- **Clock adds the ability to:**
  - Allow an administrator to set a sync threshold, specifying the maximum difference between the time on the device clock and that of its selected NTP server.
- **Touch Manager adds the ability to:**
  - Set the Touch and Hold Delay required for a key-press to be considered a long-press.

Supports MX 11.7, which adds the following major features and enhancements:

- **Access Manager adds the ability to:**
  - Control System Settings access to accessibility features.
- **Cellular Manager adds the ability to:**
  - Select from a list of Network Modes and assign preferred network types to a SIM slot.
- **UI Manager adds the ability to:**
  - Control use of device volume Up/Down buttons to toggle TalkBack, which vocalizes words on the device to aid the visually impaired.

**NOTE: MX 11.8 is supported only on devices running Android 11 or later. MX11.8 version includes all the features of MX 11.7 version, there is no separate drop-down for MX11.7 version in the desktop tool.**

### 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 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 v5.9:

1. StageNow v5.8
2. StageNow v5.7
3. StageNow v5.6
4. StageNow v5.5
5. StageNow v5.4
6. StageNow v5.3

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

## Known Issues

- JavaScript barcode will be generated only if some option is selected, or data is filled in the Profile.
- [SPR48815] Script Error appears when user click on "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 like: “A downloaded file necessary to provision the device is corrupted.” This is likely due to 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. 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.
- 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.
- 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. **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; 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.

## 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.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.