

StageNow 5.8

Release Notes – December 2022

Highlights

- Supports JavaScript barcode output*
- Supports MX 11.5 and MX 11.6 features

Device Support

Supports all Zebra devices running Android

New features in StageNow 5.8

- Supports JavaScript PDF and JavaScript Linear barcode output*
**Not supported for Batch, Camera Manager or License Manager*

Supports MX 11.5, which adds the following major features and enhancements:

- **Access Manager** adds the ability to:
 - Control permission to bind the notification listener, the Android service that receives system calls relating to notifications.
- **Bluetooth Manager** adds the ability to:
 - Select silent pairing for Zebra defined default peripherals, this feature is disabled by default.
- **DevAdmin** adds the ability to:
 - Control installation notifications when the Device Owner installs, uninstalls, or upgrades apps.
- **Enterprise Keyboard Manager** adds the ability to:
 - Display the microphone tab for selecting voice input.
 - Select the microphone tab as the Preferred Tab whenever EKB is invoked.
 - Control the keyboard width and keyboard height when the soft input panel is displayed on an external monitor.
 - Introduction of voice tab feature to support Speech-to-Text.
- **Hosts Manager** adds the ability to:
 - Set a Device Name for a device to simplify identification by apps, device users, administrators, etc.
- **SD Card Manager** adds the ability to:
 - Control whether the device user is prompted to interact with an SD Card newly inserted into the device.
- **Settings Manager** adds the ability to:
 - Control whether the device user can change the browser app used for viewing web pages.
- **Touch Manager** adds the ability to:

- Set the Device Type as 6375 platform and set Touch Modes for 6375-platform devices such as the ET40 and ET45.
- **USB Manager** adds the ability to:
 - Control which USB peripherals can be used by the mobile device when in Host Mode.
- **Wi-Fi Manager** adds the ability to:
 - Select Country codes for Azerbaijan, Bangladesh, Ghana, Gibraltar, Guernsey, Kosovo, Kyrgyzstan, Moldova, Senegal and Uganda.
 - Set RF Band Selection to enable 2.4GHz and 6.0GHz bands to operate on the device.
 - Select an RSSI Roaming Threshold and RSSI Delta Value to help improve the Wi-Fi user experience while roaming.
- **UI Manager** adds the ability to:
 - Select default browser app to use for viewing web pages on the device.
- **Wireless Manager** adds the ability to:
 - Select whether airplane mode should be forced off after a predetermined amount of time.
 - Set the amount of time (in minutes) after which airplane mode will be turned off.

Supports MX 11.6, which adds the following major features and enhancements:

- **Audio UI Volume Manager** adds the ability to:
 - Control mute/vibrate usage, which limits the device user's ability to turn the features on and off.
- **Battery Manager** adds the ability to:
 - Set Charging Mode to schedule days and times to fully charge a device.
 - Specify a Maximum Charge percentage for a device battery.
- **UI Manager** adds the ability to:
 - Configure an external keyboard num-lock key and assign shortcut actions.
- **USB Manager** adds the ability to:
 - Control whether to allow all USB peripherals to be used when the device is in USB Host Mode or to restrict usage to peripherals as defined in Rules created by the administrator using the Custom Rules List parameter.
 - Configure USB Host Mode with rules for connecting peripherals without prompting the device user, for granting apps permission to access peripherals and for auto-launching apps on connection.
- **Wi-Fi** adds the ability to:
 - Control whether to mandate a server certificate and whether the device user is permitted to bypass validation when configuring a network in the Android Settings panel.
 - Select the certificate Action to use system certs or user-installed certs.

NOTE: MX 11.5 and MX 11.6 are supported only on devices running Android 11 or later.

Resolved Issues in StageNow 5.8

- [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 times.

- 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.

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 v5.8:

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

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

Known Issues

- [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.
- Batch and Camera Manager are not supported for JS barcodes.
- 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.