

# Release Notes - Zebra MC33 Android O to Android N downgrade UPL file

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## Description

This release contains the following software packages

MC33GMSOtoN.upl	MC33 GMS Android O to N downgrade UPL file
MC33NonGMSOtoN.upl	MC33 Non-GMS Android O to N downgrade UPL file

## Device Compatibility

This software release has been approved for MC33 Android O models.

## Installation Requirements

### ADB installed on the PC (including adb drivers)

### Installation Instructions

BEFORE UPDATING THE OS IMAGE, EXTERNAL POWER MUST BE APPLIED TO THE TERMINAL VIA USB CHARGING CABLE OR CRADLE.

PLEASE ENSURE BATTERY LEVEL IS > 30%

### Downgrade procedure to update MC33 Android O to MC33 Android N:

1. Downgrade procedure uses Multi-Package update (UPL) mechanism.
2. Full BSP (AT\_N\_FPU\_GMS\_01\_49.zip or AT\_N\_FPU\_AOSP\_01\_49.zip) and Lifeguard (CFE\_ATLAS\_01-01-49.00-NG-U20-STD.zip or CFE\_ATLAS\_01-01-49.00-NN-U20-STD.zip) packages must be downloaded separately from <https://www.zebra.com/us/en/support-downloads/mobile-computers/handheld/mc3300.html>
3. All packages/files (.upl and .zip) must be present in same folder/path on the device. **Note: external sdcard, files should be placed in root folder.**
4. The .upl file needs to be selected as the 'Downgrade' file\package during the downgrade process. The .upl file has the list of packages to be installed during downgrade.

5. upl file name should be "**MC33OtoNGmsDowngrade.upl**" or "**MC33OtoNNonGMSDowngrade.upl**" (should not be renamed) and list of package names should start with "package:"

Sample upl file contents for MC33 O to MC33 N downgrade:

**package:AT\_N\_FPU\_GMS\_01\_49.zip**

**package:CFE\_ATLAS\_01-01-49.00-NG-U20-STD.zip**

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Where

**AT\_N\_FPU\_GMS\_01\_49.zip** – Released MC33 Android N OTA Full Software Update (full BSP)

**CFE\_ATLAS\_01-01-49.00-NG-U20-STD.zip** – Released MC33 LifeGuard Update 20