

Autorun Downgrade to Pre-v7.1 Instructions

This document describes how to use an autorun package file to downgrade firmware on a single VC or RPS unit from a version of firmware equal or greater than v7.1 to a version lower than v7.1.

IMPORTANT: Version 7.1 and later firmware versions contain important network security enhancements, especially when compared to versions 7.0 and earlier. Downgrading to versions lower than v7.1 is not recommended for production systems.

IMPORTANT: This autorun can only be applied to a single unit at a time with a current firmware version of 7.1 or higher.

To use the autorun-downgrade-to-pre7.1.pkg file to downgrade firmware to a version equal or lower than v7.0:

1. Format a USB drive with the FAT32 file system.
2. Copy the autorun-downgrade-to-pre7.1.pkg file to the top level of the USB drive.
3. Rename autorun-downgrade-to-pre7.1.pkg to just **autorun.pkg** on the USB drive.
4. Copy the desired firmware package (usually named with a document control and version number) to the top level of the USB drive. **This must be a firmware package of version 7.0 or earlier.**
5. Rename the selected firmware package to just **firmware.pkg** on the USB drive.
6. On the target RPS or VC units, insert the USB drive into the AUX USB port. You should see indications of the update process starting within 30 seconds of when you insert the USB drive.
7. Leave the USB drive inserted until you observe the status indicator LED to flash rapidly, indicating the firmware has been copied from the USB drive and the downgrade is in progress. Once the indicator LED is blinking rapidly you can remove the USB drive and start the downgrade process on another unit in the system, if you are downgrading more than one unit.
8. **IMPORTANT: To downgrade a system of RPS and VC units you should apply this autorun to each unit in the system and ensure it completes before rebooting or cycling power to any unit.**
Normally RPS units supply power to VC units, and this power must not be interrupted while VCs are still applying firmware updates. Only units of the same version of firmware are guaranteed to be able to communicate successfully in order to integrate into a functioning system, so all units of a system should be upgraded and downgraded together.
 - a. Note: VCs typically require more time than RPS to apply updates because of the additional video processing firmware that must be installed.
9. Observe the status indicator LED to monitor progress of the update on each unit:
 - a. The status indicator LED is the blue LED on the front of each VC, or the green LED above the CNTRL switch of each RPS.
 - i. Medium blink: copying update package.
 - ii. Fast blink: applying update (in progress).
 - iii. Long off followed by a single short on (VC),
or long on followed by a single short off (RPS): update is complete.