groov EPIC UPDATE CHECKLIST

Here's a basic checklist for updating your *groov* EPIC processor. Use the items needed for your application and ignore the ones you don't use (for example, ignore Node-RED items if you don't use Node-RED).
For detailed steps, see the *groov EPIC User's Guide*.

You will need:

- New GRV-EPIC-PR1 firmware file from manage.groov.com
(This is a large file that includes both firmware and software.)

  Note for Ignition users: *If you need to run with Ignition version 8 and your GRV-EPIC-PR1 has firmware version 1.0.0 to 2.0.2, you need to download two firmware files—one with "ignition7" in the file name, the other with "ignition8" in the file name.*

- Computer or laptop
- GRV-EPIC-PR1 processor

Resources you may need:

- *groov EPIC User's Guide*
- *PAC Control User's Guide*
- *groov View User's Guide*

CHECKLIST (UPDATING FROM VERSION 1.4.0 OR HIGHER)

Before the update (Important!)

☐ Set backup parameters for your GRV-EPIC-PR1 (*groov* Manage > Maintenance > Backup).

☐ For PAC Control: Back up your control strategy and persistent variables, see the *PAC Control User's Guide*. NOTE: To preserve a PAC Control strategy's tag values, and then restore the values after updating firmware on a processor or a controller, use the *OptoTagPreserve Command Line Utility*.

☐ For CODESYS: Back up your control program.

☐ (Versions 1.4.0 to 2.0.2 only) Note all Node-RED nodes you installed (*groov* Manage > Node-RED).

☐ Back up your *groov* View project (*groov* View Build mode > File), see the *groov View User's Guide.*

☐ For Ignition users:

  ☐ Back up your Ignition Edge project. Note your Edge license number and then deactivate the license (Ignition Edge Gateway > Configure).

  ☐ If you want to run with Ignition version 8 and you have GRV-EPIC-PR1 firmware version 1.4.0 to 2.0.2 installed, make sure you have the two GRV-EPIC-PR1 firmware files: one with "ignition7" in the file name, the other with "ignition8" in the file name.

☐ Download and save any files you uploaded through *groov* Manage (System > Files).

☐ Back up and make notes of any Shell account settings or programs installed.

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During the update

☐ Install the firmware update file (*groov* Manage > Maintenance > Update). The update is installed and the GRV-EPIC-PR1 is restored based on your backup parameters.

   For Ignition users: *If you need to run Ignition 8, remember to install the firmware file with "ignition7" in the file name first.*

☐ Wait for the EPIC to reboot, then enter the username and password for an admin account that was included in the backup.

   For Ignition users: *If you have a license for Ignition 8 or you want to test out Ignition 8, now you can install the firmware file with "ignition8" in the file name.*

After the update

☐ For Ignition: Restore your Ignition Edge project and reactivate your license (Ignition Edge Gateway > Configure).

☐ For PAC Control: Download your strategy and persistent variables. Run the strategy.

☐ For CODESYS: Download your control program. Run the program.

☐ (Versions 1.4.0 to 2.0.2 only) Install your missing Node-RED nodes (*groov* Manage > Node-RED).

☐ Restore your *groov* View project (*groov* View Build mode > File). Switch to *groov* View and test the pages.

☐ Upload any files you saved that were uploaded through *groov* Manage (System > Files).

☐ Restore (if necessary) your Shell user account, files and configuration.

CHECKLIST (UPDATING FROM VERSION 1.3.2 OR LOWER)

Before the update (Important!)

☐ Back up your GRV-EPIC-PR1 with default backup settings (*groov* Manage > Maintenance > Backup).

☐ For PAC Control: Back up your control strategy and persistent variables, see the *PAC Control User's Guide*. NOTE: To preserve a PAC Control strategy's tag values, and then restore the values after updating firmware on a processor or a controller, use the *OptoTagPreserve Command Line Utility*.

☐ For CODESYS: Back up your control program.

☐ Back up your *groov* View project (*groov* View Build mode > File), see the *groov View User's Guide.*

☐ For Ignition users:

     ☐ Back up your Ignition Edge project. Note your Edge license number and then deactivate the license (Ignition Edge Gateway > Configure).

     ☐ If you want to run with Ignition version 8 and you have GRV-EPIC-PR1 firmware version 1.0.0 to 1.3.2 installed, make sure you have the two GRV-EPIC-PR1 firmware files: one with "ignition7" in the file name, the other with "ignition8" in the file name.

☐ Back up your Node-RED project and note all Node-RED nodes you installed (*groov* Manage > Node-RED).

☐ Download and save any files you uploaded through *groov* Manage (System > Files).

☐ Back up and make notes of any Shell account settings or programs installed.

During the update

☐ Install the firmware update file (*groov* Manage > Maintenance > Update).

For Ignition users: *If you have two firmware files, remember to install the firmware file with "ignition7" in the file name first.*

☐ When the update is finished, create the first admin user account.

For Ignition users: *If you have two firmware files, now you can install the firmware file with "ignition8" in the file name.*

☐ Restore your GRV-EPIC-PR1 from the backup you made (*groov* Manage > Maintenance > Restore).

☐ Wait for the GRV-EPIC-PR1 to reboot, then log in with an admin account from the backup.

After the update

☐ If updating from version 1.2.2 or lower, check Appendix F in the *groov EPIC User's Guide* for licensing changes.

☐ For PAC Control: Download your strategy and persistent variables. Run the strategy.

☐ For CODESYS: Download your control program. Run the program.

☐ Restore your *groov* View project (*groov* View Build mode > File). Switch to groov View and test the pages.

☐ For Ignition: Restore your Ignition Edge project and reactivate your license (Ignition Edge Gateway > Configure).

☐ Install your missing Node-RED nodes (*groov* Manage > Node-RED).

☐ Upload any files you saved that were uploaded through *groov* Manage (System > Files).

☐ Restore (if necessary) your Shell user account, files and configuration.