TECHNICAL NOTE

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Upgrading SD5CS to V1619

These instructions will guide you through updating your SD5CS Console from V1528 to the latest release.

V1619 replaces V1528 as the latest release.

The required Firmware upgrades are shown in the table below.

Please note that in the unlikely event that any of the serial devices fail to update correctly, you may be required to reprogram them using an ICD2 programmer. Please consult your local DiGiCo distributor for more information.

Disconnect All, MADI, Local I/O Audio and Headphone Connections before proceeding with this upgrade. Quit to Windows

The following table lists the versions and codes you will end up with after performing this update

Description	Version 1528	Version 1619
Software	15.0.1528	**16.0.1619**
Worksurfaces	13	13
Local I/O	55	55
Macros	9	9
PowerCon	8	8
Engine : HOST	05/07/2021	05/07/2021
Engine : FPGA	06/11/2012	06/11/2012
Engine : Effects	18/04/2012	18/04/2012
SD-Rack: Rack8b.bin	21/09/2016	21/09/2016
SD-Rack : Rack8b.bit	05/07/2012	05/07/2012
D-Rack : Drack8b.bin	10/12/2014	10/12/2014
D-Rack : Drack8b.bit	13/03/2014	13/03/2014
D2-Rack: D2rack.bin	03/11/17	03/11/17
D2-Rack:D2rack.bit	01/04/2014	01/04/2014
DiGiRack/MADIRack: Rack.bin	28/09/2015	28/09/2015
DiGiRack/MADIRack: Rack.bit	10/03/06	10/03/06

1. Copy the Software Updater **SD5CS_V1619z_Updater.exe** onto a suitable USB Key and insert into a free USB Socket on the SD5CS.

2. Right-Click on the *Start Menu* and choose *Explore.*

Navigate to your USB Key and run **SD5CS_V1619z_Updater.exe** from your USB Key. This updater will install the required updates, application software, and backup your current SD5CS application folder.

3. The **UpdateHardware** application will now automatically run.

For each device, you will see the current running version in the "running" column, with the new version in the "available" column. The available version is based on the corresponding file in D:\SD5CS directory

Now proceed with the console firmware updates in the following order:-

None required

If you are updating from a version previous to V1528, there may be additional Console firmware updates to perform.

Once complete, close the **UpdateHardware** Program and remove your USB Key from the Console.

4. From the Start Menu, shut down the console.

5. Power the console on. It will launch straight into the SD5CS application.

You should check that all the components have updated correctly in the Diagnostics Panel.

Open this from the System Menu / Diagnostics.

The First Tab (Console) will show the version for any serial devices you have updated.

The right-hand section of this window lists the Serial devices, and in the code column, you can see the version running. These should match the new release versions listed at the start of this document. If they do not, it is likely that the upgrades have failed, and you should repeat the upgrade process (from Point 3) using **D:\SD5CS\UpdateHardware.exe.**

The second Tab (Engine) will show the Engine Codes you have updated. Confirm that the Host, Effects & FPGA Code Downloaded Dates match the date listed on the first page of this document.

If, after following all the instructions, you cannot upgrade your SD5CS, please contact DiGiCo Technical Support.

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