TECHNICAL NOTE

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Upgrading Quantum5 to V1619

These instructions will guide you through updating your Quantum5 Console from V1528 to the latest release.

V1619 replaces V1528 as the latest release.

The required Firmware upgrades are shown in the table below.

Allow yourself plenty of time to perform these upgrades.

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	39	39
Engine: SHARC 1	17/11/2021	**05/07/2022**
Engine: SHARC 2	09/07/2021	09/07/2021
Engine: SHARC 3	09/07/2021	09/07/2021
Engine: FPGA 1	02/07/2021	02/07/2021
Engine: FPGA 2	09/05/2019	09/05/2019
Engine: FPGA 3	12/11/2020	12/11/2020
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 : Drack.bit	13/03/2014	13/03/2014
Optocore V221 Firmware	V5R3	V5R3

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

1. Copy the Software Updater **Quantum5_V1619z_Updater.exe** onto a suitable USB Key and insert into a free USB Socket on the Quantum5.

2. Click on the *Start Menu* and choose *Computer*.

Navigate to your USB Key, and run **Quantum5_V1619z_Updater.exe** from your USB Key. This updater will install the required updates, application software, and backup your current Quantum5 application folder.

3. Once the installer is complete, click finish to run the **UpdateQuantum** program.

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:\Quantum5 directory.

Now proceed with the console firmware updates by pressing the corresponding *update* button or the *update all* button, or update in the order specified below. If you are upgrading from V1528, you will to update the following codes:-

SHARC 1

If you are upgrading from a version earlier than V1528, they may be additional updates to perform.

V1619 contains firmware updates for the following DMI Cards.

None

Once all upgrades are complete, please close **Quantum Upgrade.**

4. Power cycle the console.

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 2) using the UpgradeQuantum application in the Start Menu.

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

If, after following all the instructions, you cannot upgrade your Quantum5, please contact DiGiCo Technical Support.
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