

## How to update the DALI Control PRO64 Gateway

These instructions describe how to update the firmware, KNX application and DCA (Device Configuration App) from version 1.x to version 2.x of the **SCN-DA641P.04S**.

Versions used in this document:

Firmware: 2.1.0  
KNX application: 2.1  
DCA: 2.1.0.0

The update requires the use of all components in version 2.x, there is no downward compatibility between firmware, KNX application programme and DCA in version 1.x!

### Important note:

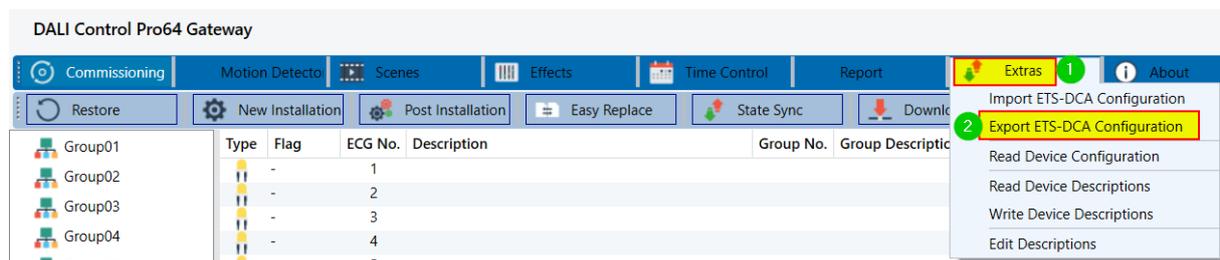
The firmware update is “unconditional”, i.e. all settings stored in the firmware are irrevocably deleted and the physical address of the unit is reset to 15.15.255. It is essential to follow the order of these instructions for a successful transfer of parameters.

## Step 1 - Backup the current ETS project

It is advisable to make a backup copy of the ETS project before automatically updating a database.

## Step 2 - Export the DCA configuration

All data stored in the DCA and the gateway must be exported **before** the firmware update. The following function is used for this.



An .xml file is created with all DCA and device information.

## Step 3 - Updating the Firmware

### Preparation

The gateway is updated via the IP network. The web interface must be enabled in the application and the gateway must be accessible on the network.

1.1.3 DALI Control Pro64 Gateway > GENERAL > IP Network

GENERAL

General

Behaviour

Analysis and Service

Special Functions

IP Network 1

Access via Web Pages enabled  No  Yes 2

IP Address Assignment  Fix IP-Address  DHCP

HTTPS Port 443

Hostname Resolution (mDNS)

**i** Due to security reason this Service shall only be used in trusted internal networks. Please, take care that router are configured to block this Service. The selected host name must be unique in the entire system.

The web interface can now be accessed in a browser via “https://IP-ADDRESS” and the update to version 2.x can be done in the “Administrator --> Update firmware” section.

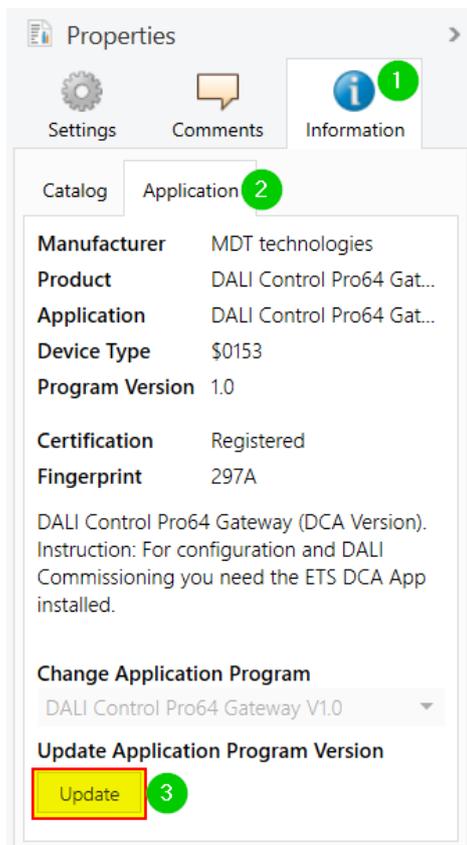
#### Note:

The document “Firmware-Update SCN-DA641P.04S EN.pdf” describes the firmware update process in detail.

## Step 4 - Update the application

To update the “old” application within the project, the new version of the application is required in the project. To do this, load the new application V2.x from the ETS online catalogue or from [www.mdt.de](http://www.mdt.de) and place it as a dummy anywhere in the project. Then select the device to be updated in the ETS and open the properties using the key combination “alt + enter”. Via the “Properties” tab **(1)** --> “Application” **(2)** --> click on “Update” **(3)**.

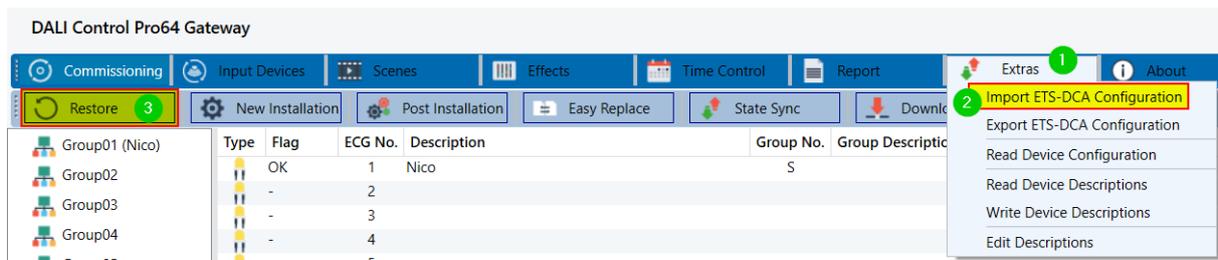
Do **not** change the application via the drop-down menu! The settings will be lost!



Check the settings for the updated application and group addresses, and then program them into the updated gateway along with the physical address. The additional application loaded for the update can now be deleted.

## Step 5 - Updating the DCA and importing the settings

Download the DCA version 2.x from [www.mdt.de](http://www.mdt.de) or the KNX Association online shop and install it in the ETS. Then use the following function to import the .xml file saved in step 2 into the DCA.



### Important:

The imported settings must then be loaded into the device using the 'Restore' function (3). After the automatic restart of the DALI Gateway, all settings have been transferred and the update to version 2.x is complete.