

## Importing an Old HHL/HHL+ Address or Address Line to the HHL-C Central Unit

The HHL-16/32/128/256/512 product generation works with 16-address lines and uses the MW-9x16 address unit.

The HHL-32+/256+/PRO+ product generation works with 32-address lines and uses the MW-9x32 address unit.

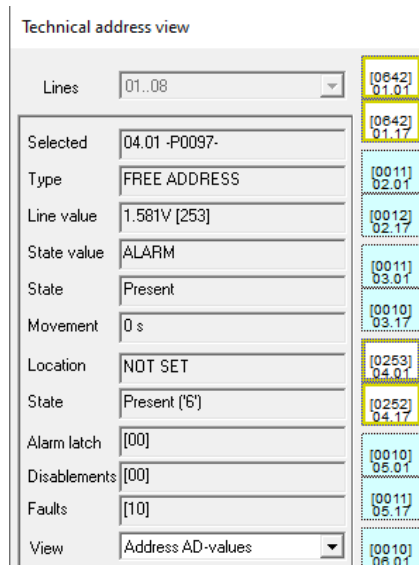
When upgrading the central unit, you can import the previous generation HHL/HHL+ address lines as is to the new HHL-C central unit without a need to reconnect the detectors or addresses.

**Note!** The MW-9x10 address unit used with the HHL-10/30/70/160/320 product families is no longer supported, so this 10-point address line cannot be imported to a new HHL-C central unit.

## Programming

To program and learn an individual address imported from an HHL+ central unit, do the following:

1. Open **Technical address view**. The address units which are connected to or detected by the central unit address line are bordered with green colour. Refresh the screen, if needed.



2. Make sure that the address is in rest state at this point. Cover the detector, if needed.
3. Let the address learn the rest level in the address grid (**Line value/AD value**).
4. In the example above, line 4 address 1 (04.01) has been detected present and not set. Due to an old connection, the **State value** field reads **ALARM**.

Double-click the address to set the level.

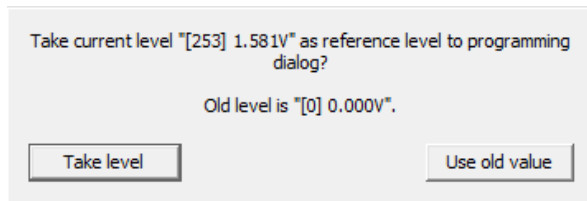
## Technical Note

### HHL-C Alarm System

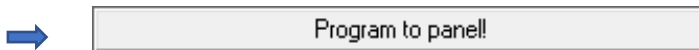


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5. Select **Take level**. The new rest level is saved and the **Address** window opens.

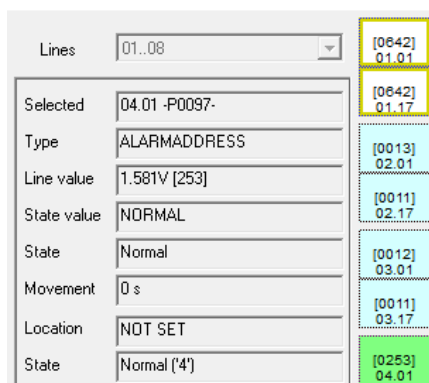


6. Follow the *HHL-C Programming Guide* to program the address and save the data to the central unit by selecting **Program to panel**.

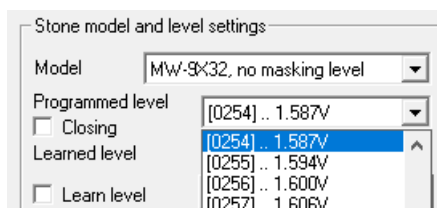


7. The state value changes to **NORMAL** and the address turns green in the address grid. The address is saved.

Technical address view



8. Alternatively, you can first check the line value of an individual address in the **Technical address view** window and set it as the **Programmed Level** in the **Address** window, and send the data to the central unit along with the other settings.



9. The HHL+ address line did not use the antimasking functionality, which is used by the current system, so make sure to select the option with no masking level.
10. Otherwise, program the address as described in the *HHL-C Programming Guide*.

**Note!** Do not use the learn address rest states functionality when importing an HHL/HHL+ address line.



- Individual address: Right-click > **Learn address rest state-level!**
- Entire address line: **Learn addresses on this line their rest-levels!**

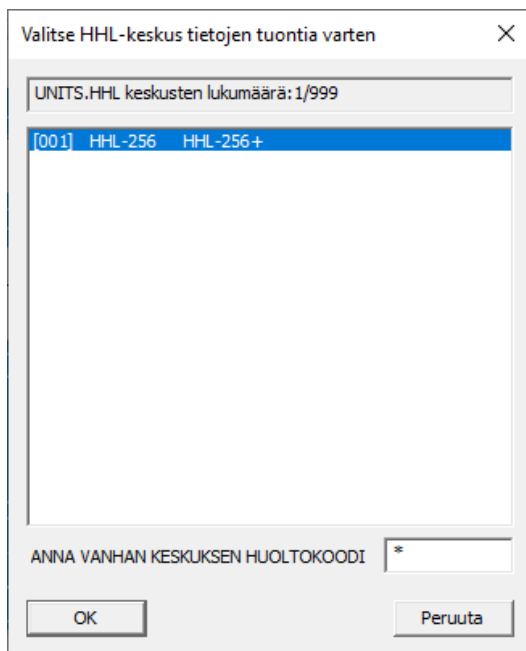
## Importing the HHL+ Address Line to a New HHL-C Central Unit

You can import the data of an entire address line in one go if the data is saved in a project file.

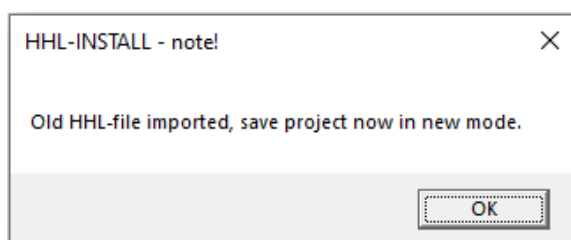
1. To create a new project, select **Open** in the **Projects** section.
2. The previous generation HHL Control programming software saved the data in the **Sys** folders, so select a file type that supports HHL+ projects to make the **UNITS-HHL** file visible. The file is typically stored in the following directory path: *Sysxx\HHLData\*.



3. Open the file, which opens a window for importing the project.
4. Select the central unit, type the appropriate service code, and select **OK**.



5. The system informs you when the project is successfully imported. When you select **OK**, the project is saved in the *\*.hhl-6th* file format, supported by the new HHL-C central unit.



6. Importing an old project imports the service code, so save the service code or change it in **General settings > System settings**.

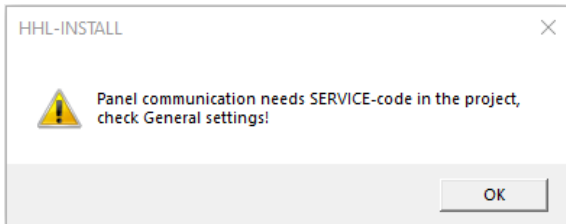
## Technical Note

### HHL-C Alarm System

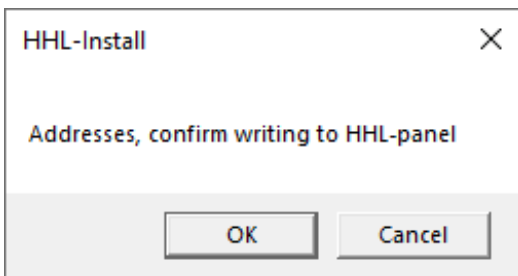
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- Before communication with the central unit, the system informs you if there is a problem with the service code.



- Open the **Addresses** window.
- To program the addresses in the imported project, select the required addresses or **Select all**, and send them to the central unit.
- All the programmed address data is overwritten and replaced.



- Check the imported data and save the project.