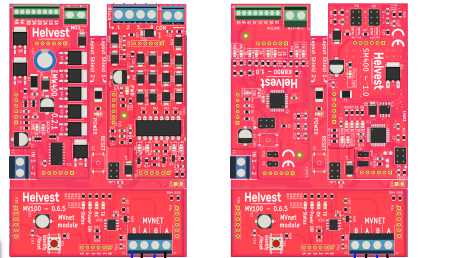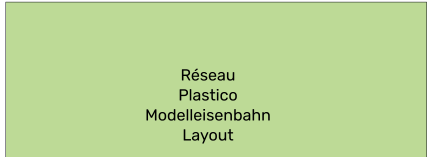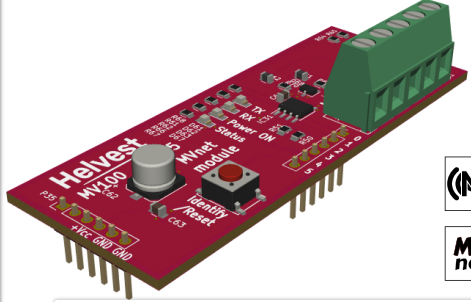**follow the track
of innovation !!**

Helvest

New products 2023

MVnet, the new control system for your model railway.

The Helvest line is further enhanced by the Flex system and the now well-known HP100 motherboard.

MVnet is a network that can perform any function on the layout (accessory control, train position feedback, connection to a TCO). MVnet is compatible with all Helvest Layout modules.

Réseau
Plastico
Modelleisenbahn
Layout

(PC/Centrale)

The advantages of MVnet

-The system can coexist with any existing electrical setup, you can use it for new accessories without changing your old electrical system.
-It is extremely easy to programme : it is completely self-configuring.
-It is highly versatile: you can connect it to your computer, or it can run on its own.
- It does not require any control device to operate (i.e. it does not need a dedicated control unit).

MV100

-Simply connect it to the HP100. The decoder is ready to communicate via MVnet.

Simple two-wire connection to the network

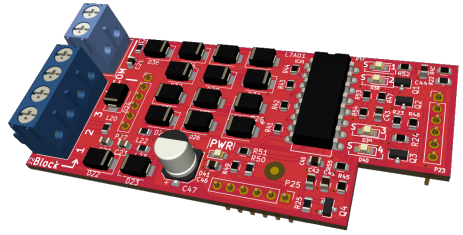-Includes LED indicators to locate the board and check that the wiring is correct.

Légende des icônes

(N)	Net module	🖱	Module for pushbutton
Layout Module		**4x**	Module with 4 outputs
MVnet Module		**8x**	Module with 8 outputs

Feedback

AB400

Detects trains on up to 4 track blocks using the current absorption method. (corresponds to the classic feedback modules). The train's position data is sent to the computer via MVnet.

L

4x

Computer connection

The MVnet system operates in two modes:

Stand-alone mode: MVnet has the ability to perform simple automation without external control, i.e. to work without a digital control unit or computer. In this case, the PC is only used for the initial setup and is connected via MVC10.
PC-controlled mode: In this case, the PC is connected via the MVC10 and controls the model with your preferred software (Rocrail, Train Controller, Win Digipet, etc.).

MVnet is a digital system without a control unit, which is optionally controlled from the PC via automatic or push-button. **Therefore, an MVnet system can NOT be controlled with the DCC central unit. For control via DCC use the DCC100 module already available on the market.**
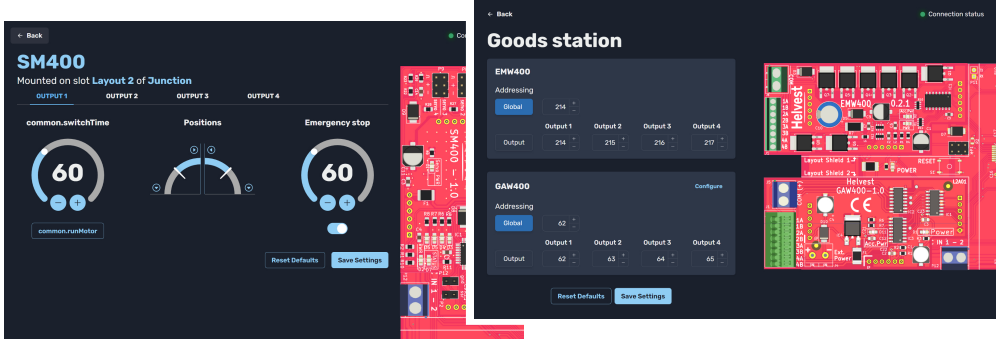
MVC10

It is the USB adapter that connects the computer to MVnet.
One of them is necessary for each MVnet network, for programming and, if you want, for controlling the system with the computer.

LocHaus to control MVnet with your PC

LocHaus is a very user-friendly software available for Windows, Mac and Linux. It allows you to configure MVnet in a few, very intuitive steps.
After configuration, MVnet can also operate stand-alone. If you prefer to control the model railway with your computer, you can use your favourite programme normally and leave LocHaus open without having to do anything else.
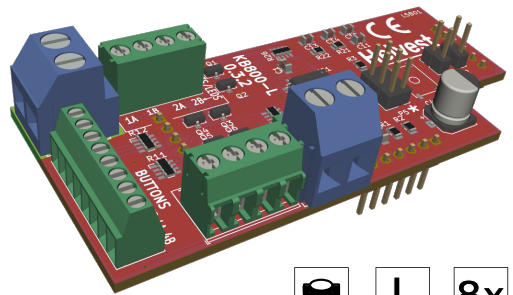

Push-button module with light indicator

KB800-L

With this layout module you can manage up to 8 buttons for controlling the accessories and at the same time connect 8 LEDs that indicate the status of the accessories.
If you are using it with an MVnet system, it is not necessary to install it next to the module that you are controlling, and the LEDs will also be updated when the accessory is activated remotely.
It works with both MVnet and DCC.

For your control panel

KB800-L is perfect for controlling the model railway layout by using a control panel next to the PC or the control unit.