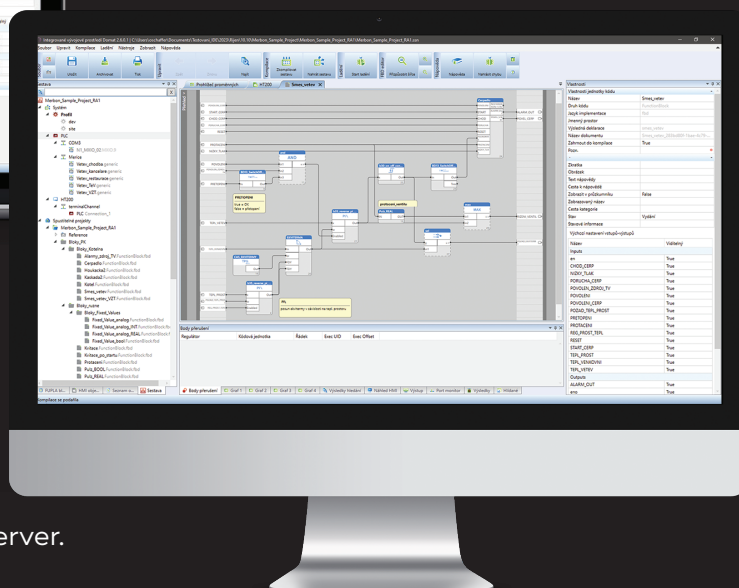
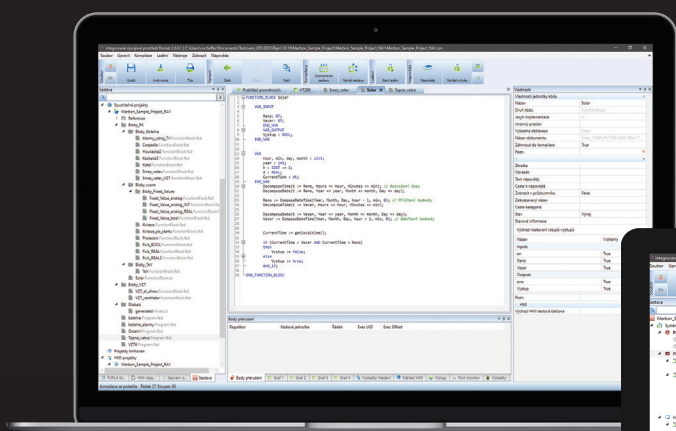


Development environment, PLC programming

Clear development environment in which **mark/wall process stations** are programmed and configured. Programming according to the **IEC 61131-3 standard** is done via **function blocks (FUPLA)** or **structured text (ST)**. It helps to save service costs and ensures comfortable commissioning. Domat IDE also serves as a graphics editor for the web, LCD menu and the Domat Visual app.

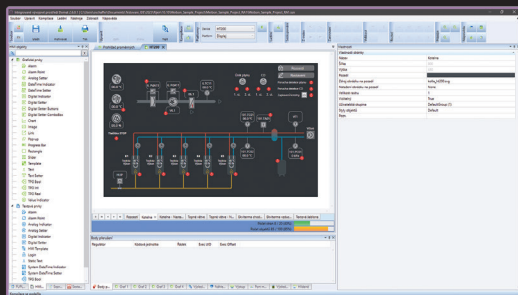
Text Parser – reading and parsing text from a web page or file using JSON, XPath and regular expressions.

Encrypted TLS communication – certificate support and validation.



Other functions:

- Remote configuration uploading via Proxy server.
- Saving variables to history with adjustable time stamp.
- New HMI objects – Link, Pop-up, Progress bar, Slider.
- Structures support on the Modbus server.
- Export EDE file BACnet server for easier import into client programs.
- Dynamic changes of configuration parameters.



Communication protocols

Modbus RTU/TCP, M-Bus, IEC 62056-21, Daikin iTC, Hauser, Text Parser, or custom drivers. Communication with internal SSCP protocol via ethernet and serial line. Integration into third-party clients: BACnet/IP server and external app OPC UA/DCOM server.



domat RUNTIME



License for SW that processes compiled Domat projects. Linux or Windows OS. The number of variables and communication channels is limited only by the capabilities of the HW platform.

Support Modbus RTU/TCP (client/server), BACnet UDP (client/server), M-Bus and IEC 62056-21, Daikin iTC, Hauser and Text Parser. Mutual data exchange by internal SSCP protocol over Ethernet and serial line. Integration into third-party clients: BACnet/IP server and external app OPC UA/DCOM server.

Use: data collection and processing systems, integration of foreign systems, customer PLC development.

domat PROXY



It enables access to the PLC in the LAN network without the need to establish access to the network via a public IP address. The PLC itself connects with the assigned Proxy ID to the proxy server operated by Domat, and clients access this proxy server with the same Proxy ID instead of directly to the PLC. The connection can be set as secure (TLS).

Through Domat Proxy, you can read and write values, but also upload the program and download or upload the PLC configuration, so it is a full-fledged programming approach.

Advantages: It significantly simplifies connectivity settings, helps with commissioning and servicing, especially in the early phase of the project and right after its completion, when we temporarily install an LTE modem instead of permanent remote access.