

merbon

DATABASE



Merbon DATABASE

is a **powerful database** designed for high volume **trend data storage**. The database uses data lossless **data compression** and provides an **open API** for third party access. **File-oriented** system allows **easy backup**.

Application:

- **Building control** systems with Merbon SCADA, **PV plant monitoring**, monitoring and control of various sites and technologies
- Systems for storage of **high data volume** of sampled sensor values
- Sites where **open, unlimited access** for third parties is required

If Merbon DATABASE is not installed on a Merbon SCADA site, data are stored in text files with proprietary format. All trend functions are fully operational up to about 10 000 data rows.

merbon

RUNTIME



Merbon RUNTIME

Merbon RUNTIME is a **licence for a software** which is able to process **compiled Merbon projects**. It can be run on a **Linux or Windows-based** platform, e.g. a server PC or a **small embedded device**. The runtime has no software limitation regarding data points, communication channels etc., the limits are given by the hardware resources of the platform. Merbon RUNTIME is part of all Merbon PLCs, the runtime needs no extra licensing on Merbon hardware. Merbon IDE now supports **Modbus RTU** and **TCP** communication, both client and server implementation. **M-Bus** and **IEC 62056-21** for energy metering are also available. Communication between process stations (peer to peer) and with **SoftPLC controllers** is also possible. Data exchange over internal **SSCP protocol**, support of both **Ethernet and serial line**. Integration into **3rd party clients** through native **BACnet/IP server** or external **OPC UA/DCOM server**.

Application:

- data acquisition and **processing systems**
- **3rd party integration**, such as meter or communicative sensors integration
- customized **development of PLCs**

We also offer porting of Merbon RUNTIME **to your hardware** platform. **Save development** time and use the Merbon resources in your control system!

Energy under control
www.domat.cz

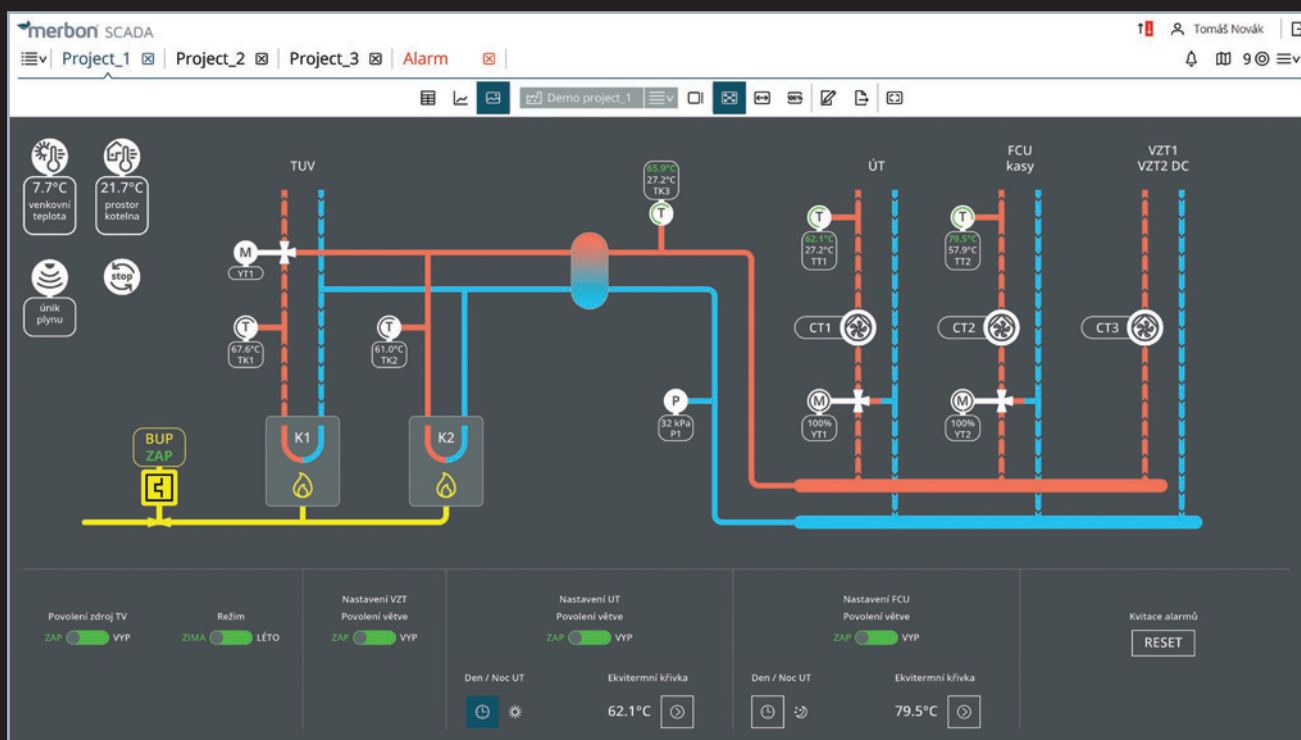
merbon

SYMBOLS



Merbon SYMBOLS

The installer contains **set of icons with symbols** for heating, ventilation, and air condition. The icons follow the **CEN/TS 15810:2008** standard while respecting **current graphic trends** and typical usage in the HVAC industry. The symbols are designed with respect to **style purity**, good comprehensibility and **long-term legibility** even on large screens. The licence agreement allows **deployment in all Merbon programs**, especially in **Merbon SCADA**, **Merbon Visual** and web **servers in the PLCs**. The symbol set will be enhanced in the time to come.



domat

MEMBER OF ČEZ ESCO

Domat Control System s.r.o.

Company Headquarters: U Panasonicu 376, CZ – 530 06 Pardubice – Staré Čivice
Tel.: +420 461 100 823, E-mail: info@domat.cz, products@domat.cz

Training center: Třebízského nám. 424, CZ – 250 67 Klecany
Tel.: +420 222 365 395, E-mail: info@domat.cz

Follow us:   

