merbon
DATABASE

Merbon DATABASE
is **a powerful database** designed for high volume trend data storage. The database uses **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 its own format. All trend functions are fully operational up to about 10 000 data rows.

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RUNTIME

Merbon RUNTIME is a **licence for a software** which is able to process **compiled Domat 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 Domat PLCs, where the licensing is part of PLCs price. 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 Merbon components in your control system!