

Data Warehouse Features

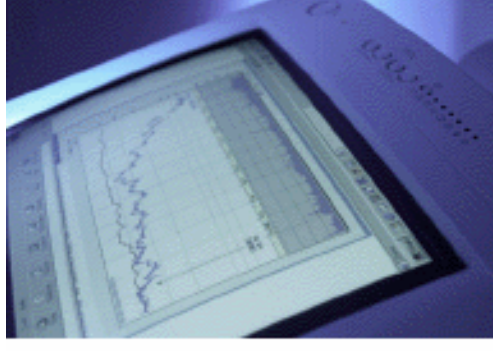
- Automated data acquisition
- Just one data set per eibPort
- Administration of data of up to 10 *eibPorts*
- Automated data base backup
- Analysis with ETS data
- Export of complete data
- Export of data of specific group address
- Day values
- Data process in e.g. MS[®] Excel
- Quick overview for current data
- About 5000 telegrams per eibPort per day (max. 10 *eibPorts*)
- Microsoft[®] Access Data base

Data Akquisition Module

- Automatic background application
- Separate transmission intervals for each *eibPort*

Further information : www.bab-tec.de

The Data manager





Data Warehouse – Data management

The Data management client Data Warehouse perfectly fits to the EIB-LAN-gateway *eibPort* and does the data acquisition fully automated. *eibPort* as server saves up to 30.000 telegrams in a ring buffer. Data Warehouse transfers the data to the PC and affords large analysis: power consumption analysis, statistical analysis, error analysis for events dated back and much more.



Data Acquisition Module

Once set up the data acquisition happens fully automated. The Data Acquisition Module is a small background application that starts working according to the configured interval times and transmits the latest data from one or several *eibPorts* into a PC. The data from up to 10 *eibPorts* can be administered by Data Warehouse. The download interval can be set separately for each *eibPort* server.



ETS Analysis

Data Warehouse provides for a quick overview and first analysis several data views. The telegrams are listed according to criteria like time or group address. By the import of project data from the ETS (Eiba Tool Software) the data can be associated with the functions easily. The Quickchart function allows a fast graphical impression; the current day values can be saved.

Data base

The data base Data Warehouse assures the complete storage of all data. For each *eibPort* server there is exactly one data set. The latest data at one time is added to the data set. Access to all historical data is possible. At the end of a month a data base backup can be stored automatically as extra backup to guard against loss of data. Data Warehouse has been optimized for up to 10 *eibPorts* with about 5000 telegrams per day.

Export and Process

For more detailed analysis and for graphical data processing (diagrams) the data can be exported complete or sorted by group addresses. By this the data can be imported smoothly into established analysis programs like Microsoft® Excel. To get the current recorded data the transfer to the PC can be started manually at any time.

Data Warehouse Network scheme

