SODA ControlCenter

ENERGY

Comprehensive Control
at the Remote Meter Reading

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The SODA ControlCenter (SODAcc) allows you to supervise and control all SODA activities. Various features like SODA configuration, visualization of fetch data and reports, basic data maintenance, and the creation and initialization of data transmission orders, are provided via an Internet or Intranet-based web server. These services can be accessed using an internet browser.

SODA ControlCenter

SODAcc's functional range:
User-friendly user interface

- standardized graphical user interface
- hierarchical menu structure functions
- topic-based online documentation
- made easy by application-based views
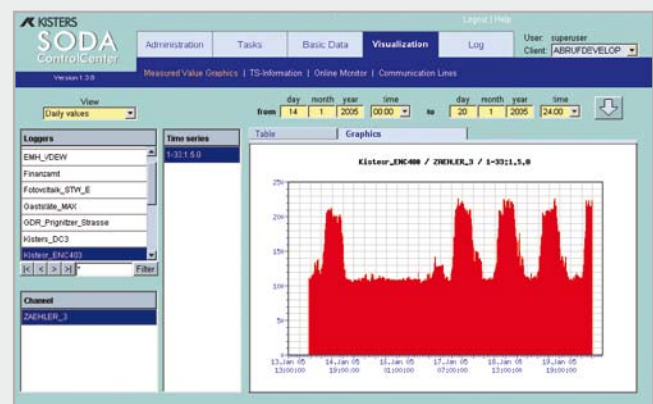
User administration
with password protection

- various user levels by assigning user roles
- open configurability of user roles
- clientele processing entirely possible

Display of system information

- list of SODA hardware
- hardware supervision
- configuration of hardware components (e.g. modems connected)
- list of active SODA processes

Configuration of the data transmission system

- modification of configuration files relevant to data transmission
- modification of process list
- configuration and modification of communication lines between SODA and the remote readout station to be fetched

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- launch and shut-down of data transmission software
- configuration of hardware components needed for data transmission

Administration of basic fetch data
- creation of new remote readout stations
- station data
- counter data
- connection data
- modification of basic fetch data
- various basic data views (sorted according to counter type, client, location, etc.)
- filtering of remote readout stations via a user-defined text filter
- creation and launch of test data transmission orders

Administration of data transmission orders
- tabular overview of all SODA jobs including status, fetch period, last start time, next start time (for periodical orders), periodicity and type of data transmission
- order creation
- order modification
- order start, interrupt, and stop
- deleting orders from the order list
- easy modification of orders at a later point in time

Visualization of job reports
The following reports are created during a job, and can be viewed after the data transmission is complete:

- status report
- error report
- transmission report
- decoder report
- data transfer report
- import report

Visualization of transmission results
The measured values transmitted are stored by SODA temporarily in a ring buffer with a capacity of 2 - 3 months. These values can be represented in SODAcc in a graphical or table format.

Online monitoring
- representation of communication between SODA and the remote readout station during a data transmission task (character level or hexadecimal)
- status of the individual communication lines

Data backup
All necessary SODA data and settings can be saved so as to ensure that the current SODA status can be restored also at a later point in time.

Importing basic station data
Basic station data can be created both manually in SODAcc, and can also be imported from the BelVis information system.
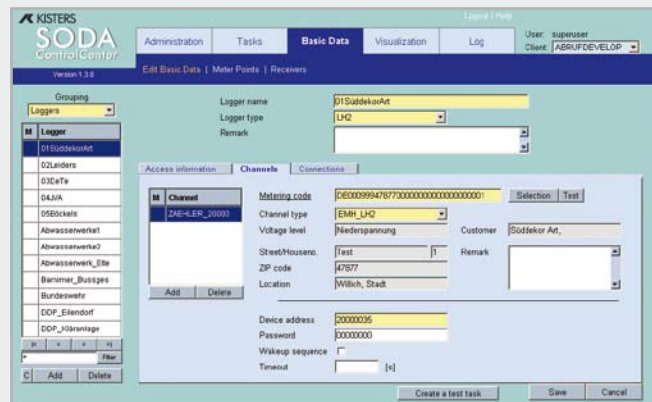
Configuration of the recipients of retrieved data
The recipient of the fetch data file could be for example a folder created in the file system where the fetch data file is saved after transmission. Another possibility is to simply enter BelVis as the recipient. In this case, the fetch data is imported directly into the BelVis database.

The user's computer must meet the following minimum requirements:
- Internet explorer V5.5 SP2 or higher
- Internet or intranet connection to SODA

Data loggers, meters and modem types supported

These are the data loggers, meters and modem types that are presently supported by SODAcc in the "energy management" field:

ELECTRICITY

Retrievable meters:
- ABB / Elster
    - AEM500
    - A1500, A1700
- DZG MM30
- CEWE
    - ProMeter
- EMH
    - raconet
    - EMH LZKJ, EMH LZKM
    - EMH LZQJ, EMH LZQM
- all EMH meters in standard, VDEW- as well as in DLMS-design
- Heliowatt HDM3/ H2DM
- Iskraemeco
    - MT851 / MT855
    - TE851 / TE855
- VDEW LH2 meter
- Schlumberger / Actaris
    - DC3, DC4
    - SL7000(DLMS)
- Siemens
    - LSV1 meter
    - ZVEI meter
    - ZMD 410 CT, ZMD DLMS
    - ZxD310/400CT/AAT.xxxx.B14/B21
    - SCTM
- Meters with DLMS interface

Readable data loggers / tariff devices:
- Görlitz ENC200 / 380 / 400
    - Impuls, LH2, LSV1
- Gossen Metrawatt U1600
- Iskraemeco
    - P2S, POREG
- SAE
    - ZFA4, ZFA10

GAS

Readable data loggers / tariff devices:
- Actaris
    - Corus, SEVC-D
- ADES Echtzeitverarbeitung
    - ARDG
- Elster
    - DL2x0
    - EK 260
    - ZO (DSFG)
    - Z1 (DSFG)
- RMG
    - MRG 2200, MRG 910
    - ERZ 2200
    - EC694
- Tritschler
    - VC2
    - K902/ K903/ K945 (DSFG)

Modems supported:
- Actaris Sparkline (Analog/ISDN/GSM)
- Baer
    - UNIMOD GSM/ETH/01
- BASS Comucont CL
- ELSA
    - Microlink 28.8 TQV, Microlink 33.6 TQV
    - Microlink ISDN/TL V.34
- Görlitz
    - ENC280, Skalar
- ISKRA GSM
- Klein & Partner Powerline
- Neuhaus
    - ZDUE-MOD-PLUS
    - ZDUE-GSM-PLUS
    - ZDUE-ISDN-PLUS
- SAE WM144
- Siemens G20GSM
- SODAmodular internal modems
    - SODAHayes, SODAIsdn, SODAGSM

Your technology is not listed? Please do not hesitate to enquire the latest SODA developments.

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