

TIME SERIES  
MANAGEMENT

FORECAST

OPTIMIZATION

BALANCING  
GROUP  
MANAGEMENT

GRID USE  
MANAGEMENT

LOAD & FEED  
MANAGEMENT

AUTOMATION

**AUDITING COMPLIANT  
DATA MANAGEMENT**

**EXTENSIVE  
CONNECTIVITY**



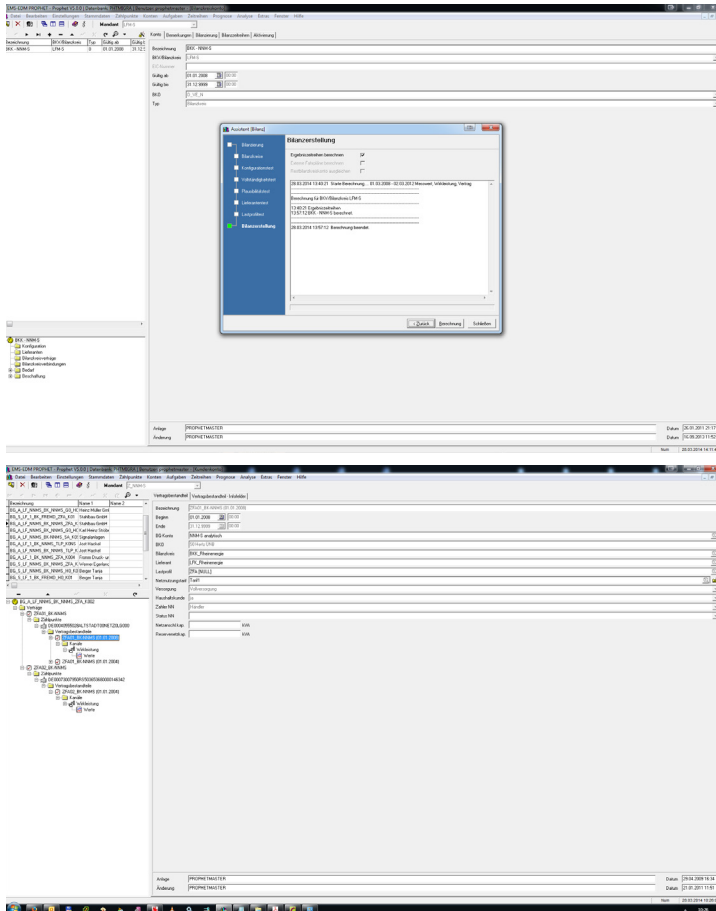
**PERFECT  
DATA QUALITY**

**HIGH LEVEL  
OF FLEXIBILITY**

**TIME SERIES ANALYSIS**



## TIME SERIES MANAGEMENT



### AUDITING COMPLIANT

- Historization
- Versioning
- Archiving
- Records/Logs
- Data locking

### FLEXIBLE

- Multiple concurrent clients
- Arbitrary cycles larger than 1 minute
- Unit conversions
- Daylight saving time/standard time regulations
- Arbitrary time zones
- Extensive time series mathematics
- Suitable for mass data

### TIME SERIES ANALYSIS

- Principal component analysis
- Autocorrelation
- Cross-correlation
- Visual analysis
- X-Y-characteristic curves
- Histogram

### INTERFACES

- CSV, Excel, XML, TXT
- DWD
- EDIFACT
- SQL, SOA
- FTP/SFTP, E-Mail

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