

The best solution for minimizing your energy costs

From efficient measurement via reliable
data transfer to relevant analysis and
supervision - **MiSMART**

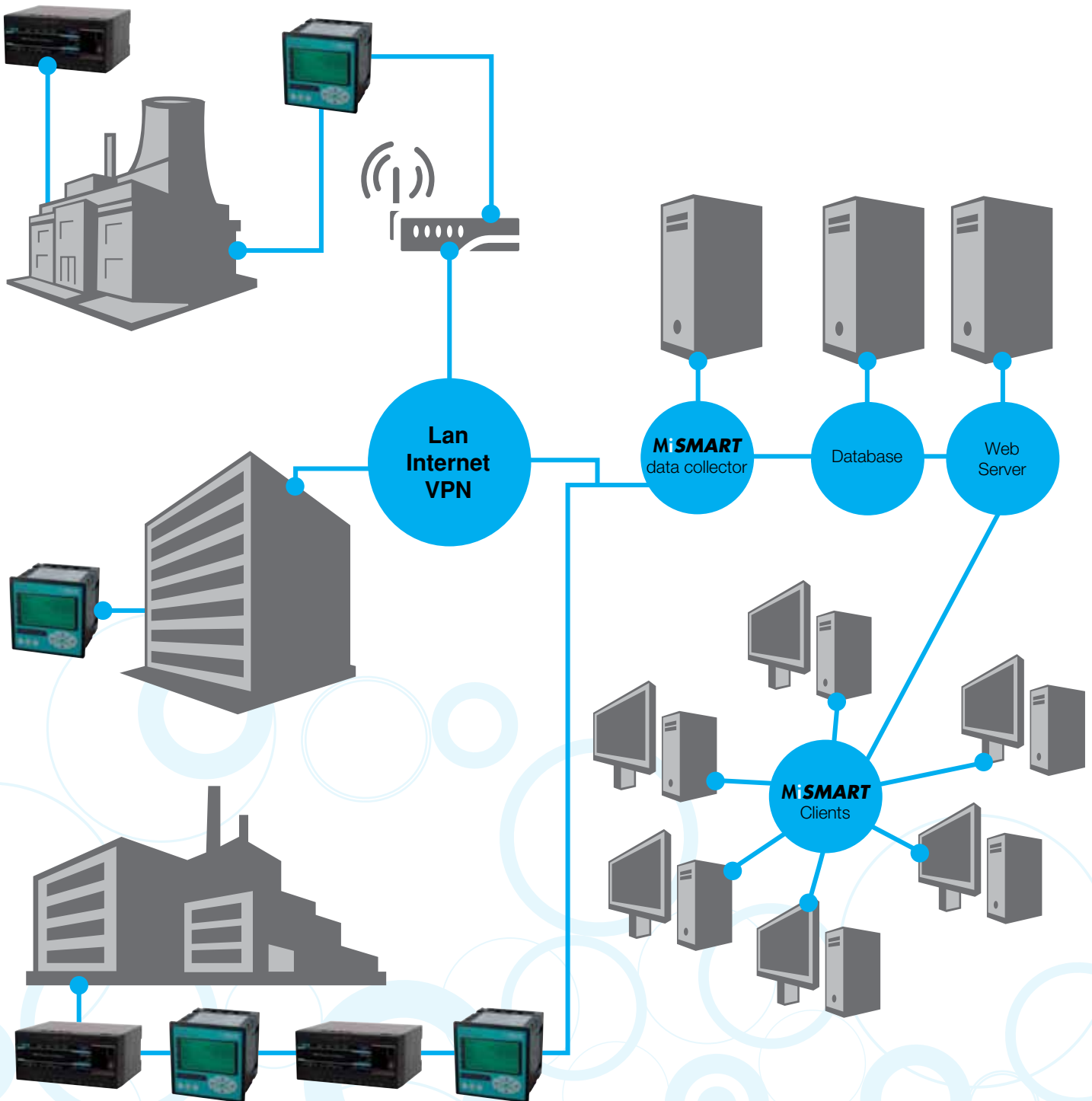


About **MiSMART**

MiSMART is an integrated solution used for storing and analyzing data on the consumption of energy products in industry, business buildings, dwellings, at the production of energy, etc. It is based on the modern program solutions, enables monitoring of a large number of metering points and is completely adaptable to your needs. It functions as a capable energy advisor.

YOUR BENEFITS

- Savings in terms of energy costs
- Analyzing of consumption of different energy products
- Saving time because it is not necessary to visit places of measurements
- Possible forecasting of future consumption of energy products on the basis of instantaneous data
- Decreasing power consumption peaks
- Immediate alarming and informing



MiSMART

MODULAR SYSTEM:

- **MiSMART** data collector
- **MiSMART** web client
- **MiSMART** database

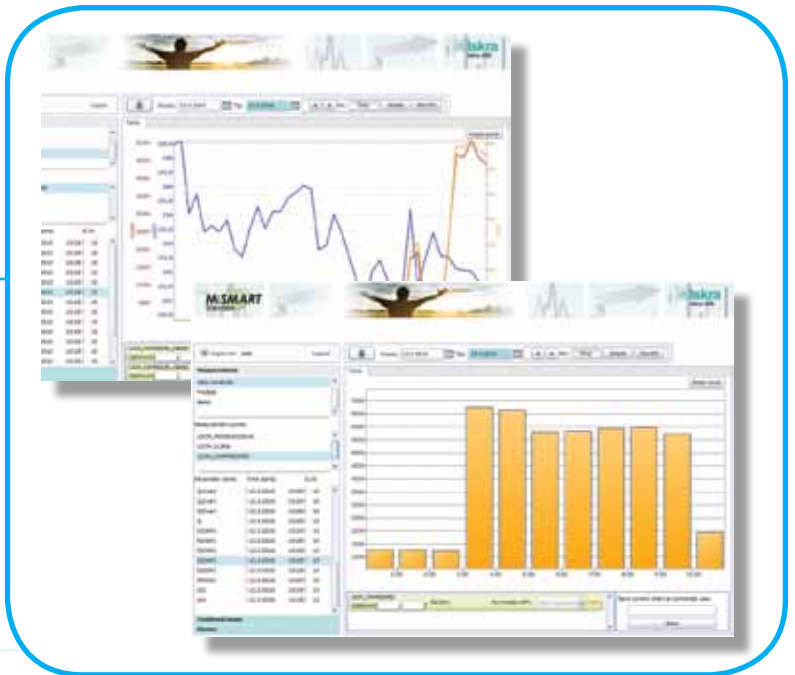
TECHNICAL FEATURES:

- Three-tier architecture (database, application server and clients)
- Windows based platform
- Data storage: database (MSSQL, MySql, PostgreSQL, Access...), file based storage
- Total data integration: recorded data is easily analyzed with third-party business applications or custom applications
- Innovative "Push" system of data transfer from instrument's built in memory and real time alarm management
- Sending of average, min or max values from built in memory
- Simultaneous data distribution to different data storages
- Possible binary data transfer to minimize network overhead
- Real time alarm management
- Dedicated data storages for location/parameters/alarms...

CLIENT-SERVER TECHNOLOGY

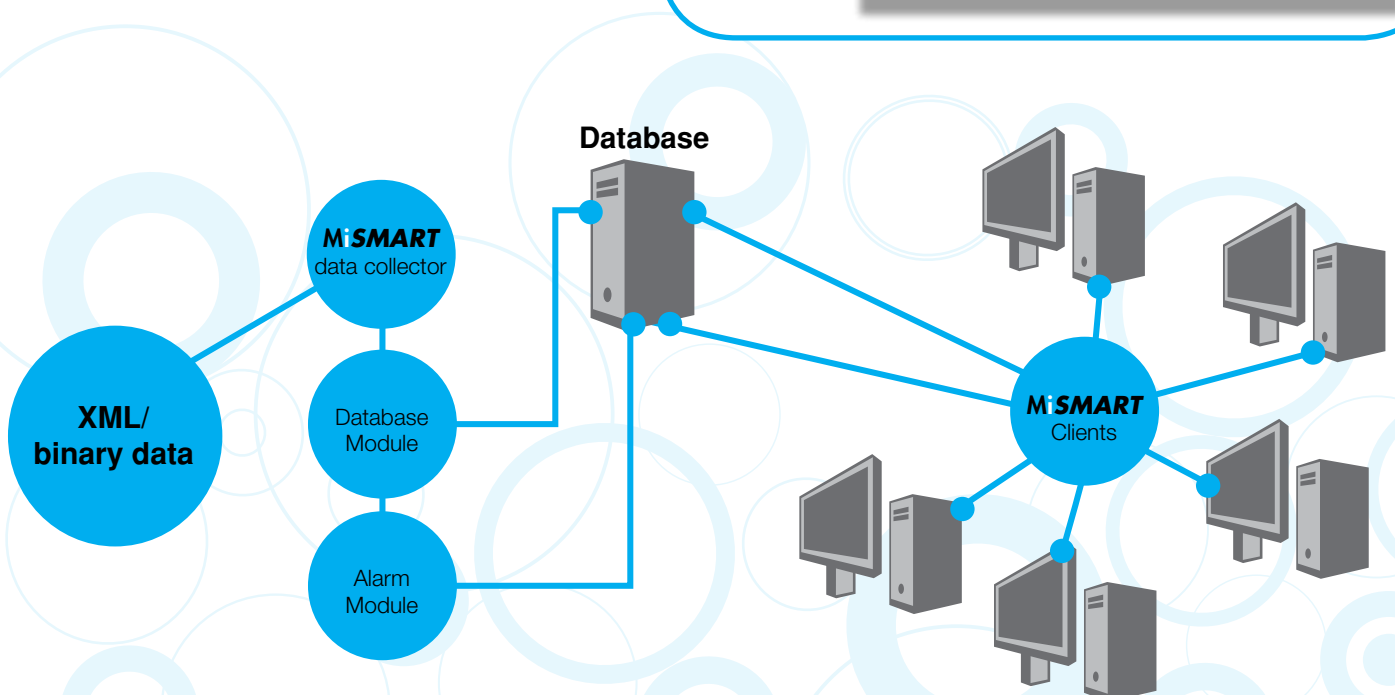
MiSMART CLIENT

- Monitoring of measurements
- Monitoring of alarms
- Configurable user interface with simple analysis
- Alarm information via e-mail
- Power quality reports



MiSMART SERVER

- Multinode connections
- Per parameter configuration: data reading frequency, data distribution
- Time synchronisation
- Serial/eth/gprs communication supported
- Web configuration and activity monitor



EFFICIENT MEASUREMENT



Find out who spends too much

The costs for electric energy are increasing and your budget is more and more empty. Efficient measurement of energy consumption, peak power and electric network quality provide a way out of this situation.



RELIABLE DATA TRANSFER

Measurements are immediately performed on the right place

When using different energy products, it is important that you take proper measures and prevent unnecessary wasting money. However, you can take measures only on the basis of up-to-date data for which measured physical quantities have to be transmitted to the place where they are correspondingly analyzed. Our communicators enable immediate data transfer from the location where energy products are used to the location where they are analyzed.



RELEVANT ANALYSIS AND SUPERVISION

Your assistant for cost-effective decisions

Decisions on appropriate measures taken for decreasing costs of energy products are demanding and practically cannot be made without corresponding previous data analysis. There is a big confusion of data on the consumption of different energy products and the condition of electric network. An assistant analyzing data and displaying them in a clear graphical form is therefore required. It also helps finding their mutual dependency and sequence in time and place. Iskra MIS offers you such assistant. MiSmart program solution analyzes and inspects the consumption of energy products.



Iskra

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