



Energy Data Analysis  
**W1000**

Data to make your customer's life easy

# Manage energy better

Having accurate information delivered on time is part of the success required to manage energy better. W1000 from Landis+Gyr is a tool that helps your customers make the right decisions for an easier life in today's turbulent environment.

Isn't it good to have only successful customers?

W1000 was developed to offer a powerful graphical tool and useful reports to users. Users can view their metering data in a variety of different forms including multiple views to sort desired information.

It is easy to work with profiles and calculate new ones. Multi-level calculations allow you to use an already calculated profile for a new level of calculation.

Useful statistical functions, included in the statistical kit, enable you to enrich your knowledge about energy data.

The user is not dependent only on his own view or reports any more – as any user can share his own report with others. This minimises the work load and makes work processes more efficient.

All reports can be exported to different formats.



The screenshot displays the W1000 software interface with a green header bar containing the logo and user information (JOHN SMITH, W1000.CEZ.CZ). The main area is divided into several panels:

- Distribution point North - graph:** A line chart showing energy consumption over time from 1.11.2008 01:00 to 2.11.2008 01:00.
- Deviation to forecast - table:** A data table with columns for time intervals and numerical values.
- Monthly sales from 1st Jan - graph:** A line chart titled 'Monthly Sales Summary For the year 2006' showing sales trends across months.
- Consumption of all dist. points - statistics:** A table with columns for profile, max kWh, datum, and summa kWh.
- Meter 43a - billing values:** A table with columns for UTC Time, +A Energy, +E NT, and +E VT.
- Deviation to forecast - graph:** A bar chart showing percentage deviations for different countries.

## Basic system modules

### REPORTS

Visualization of energy data, billing values and tariffs in tables and graphs. View several graphs on one screen. Easy to use zoom, shifting and scaling. Possibility to export to MS Excel, HTML (graphs, data) or XML (data).

### ADMINISTRATION

Users' administration and their rights for various data, password policy settings, and copying of reports.

## Optional modules

### BILLING VALUES

Management of billing values, their visualisation and usage in calculations and statistics.

### TARIFFS

Definition of different tariffs, their validity during the day together with a report module. This enables you to evaluate the best tariff for your customers.

### CALCULATION

Possibility to make mathematical operations with profiles and billing values, re-calculation of profiles for another period, or use of multiple calculation functionalities.

## Interface

The system was designed to be open for interoperability with third party systems. It is possible to import energy data from different systems based on ASCII or XML files. In addition, it can import in parallel with more than one source system. The system uses WebServices for exporting and importing.

## Languages

The system is can implement different languages. Please, call your local Landis+Gyr representative for details.

## Clients

The system supports three different clients

- Web client
- Desktop application (supports Windows 2000 and higher)
- Java application for Oracle portal

## Database

Oracle 10g or Oracle 11g

## Right size and robustness for everyone

No matter what size your company is, or how many clients you have, you can customize your system to your unique needs and choose the right size and robustness of the application. For less demanding users you most probably chose the application with the web client. If you require high user comfort or you are working with large amounts of data, you may choose an application for your desktop. The advanced users can implement the Java application onto their own Oracle portal.



## Intuitive access to your data

This handy tool for viewing metering data in different tariffs allows you to simulate the impact of a new tariff on a customer. The user can use pre-defined tariffs or build their own tariffs. It doesn't matter if you are only interested in the billing value or the whole profile in the period you select – the crosschecking of billing values or the maximum billing value versus values stored in the profile has never been so easy.



## Easy to use tool for searching and viewing metering data

Powerful graphical and text reports with their intuitive control offer you a different angle in viewing metering values. The statistical kit (cosφ, maximum and minimum value, average value) helps keep you informed about frequently calculated values.



## Advanced security

There are several opportunities to improve the systems security – the system can require changes to user passwords regularly or the use of difficult passwords. For those who prefer even higher security, the system can use scrambled http protocols for data transfer.



## Easy upgrade from www100

A migration tool will import all data and definitions from your present www100 system.

Why work hard when you can work smart?



## PERFECT TOOL FOR END USERS

### WEB CLIENT, DESKTOP APPLICATION OR JAVA FOR ORACLE PORTAL

Flexibility for everyone and for every aspect of your business

### POWERFUL GRAPHICAL TOOL AND USEFUL REPORTS

Complex background papers for errorless decisions

### ASCII OR XML INTERFACE

Easy integration with other systems

### MATHEMATICAL CALCULATION

New views on problems bring added value to your decisions

### STATISTICAL KIT

Fast calculation of frequently used information

### CROSS-CONNECTION OF MORE W1000'S

You don't need to sign in to various systems to get all needed data

### UPGRADE FROM `www100`

Easy step towards an advanced system

## SUPERIOR TOOL FOR ENERGY COMPANIES

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## Manage energy better

We deliver peace-of-mind when it comes to managing your energy. Decades of leadership in technology and in-depth knowledge at Landis+Gyr means we are able to offer you an extensive, high quality and proven portfolio.

Obtaining the highest level of energy efficiency has never been easier. We have translated our unique expertise of utility processes into integrated energy management solutions and we can help you streamline your processes, increase customer loyalty and secure revenue.

Let us tailor our innovative solutions to meet your specific needs. Whether electricity, water, heat/cold, gas metering or load management, we provide what you need to ensure that your energy is managed with increased precision and reliability.

With Landis+Gyr as your trusted partner, you can manage energy better.

### Landis+Gyr in short

- + 5000 employees worldwide
- + Operations on all five continents
- + Broadest portfolio of products and services in the industry
- + 25 years of smart metering experience
- + 1000 AMM systems delivered
- + 300 million energy meters produced
- + Largest relevant engineering capacity in the industry
- + 60 years of direct load management experience
- + 15 million load management receivers produced
- + ISO certified for quality and environmental processes
- + World leader in integrated energy management solutions
- + Committed to improved energy efficiency and environmental conservation

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