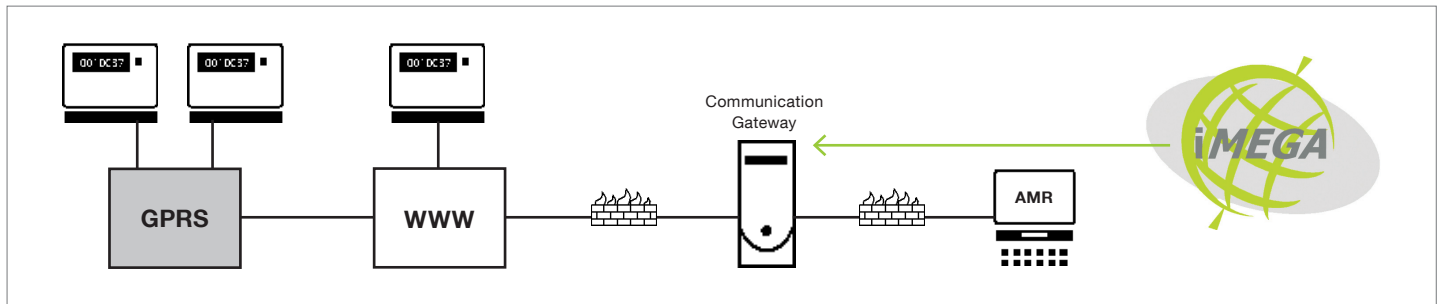


## Internet-Metering iMEGA



### New demands on telemetering

New communication technologies such as IT networks and the Internet have become established standards for energy supply utilities. However, traditional automatic meter reading is still mainly based on telephone connections. Why not utilize your existing IT network for automatic meter reading? You can benefit from shorter reading times and lower communication costs.

### The solution: Internet Metering

Landis+Gyr has developed new communication units (CUs) for connecting meters to a WAN (the Internet). The communication units provide WAN access optionally via GPRS (mobile phone) or directly via an Ethernet connection. Since existing meters can be upgraded with Internet Metering, you don't even need to install new meters.

Landis+Gyr is now offering software for automatic meter reading via the Internet: iMEGA.

### What is iMEGA?

iMEGA is the interface between the meter and the AMR system. It manages a list of the dynamic IP addresses of the Internet-connected meters. So you can think of iMEGA as a kind of telephone book for automatic meter reading. iMEGA is also an important security component in the overall system, since it does not permit access to the meter without a valid code.

The iMEGA software does not store any meter data.

### Advantages of iMEGA

- Parallel acquisition → reduces communication costs
- Always online → quicker connection to the meter

- Dynamic IP addresses for meters → no costs for fixed IP addresses
- Outbounding with GPRS → only the meter can connect to the iMEGA server
- Security → possible installation within a DMZ

### iMEGA is independent

iMEGA has been designed to operate with the meters and automatic meter reading systems of different vendors.

### Requirements for iMEGA

- Microsoft Windows 2003 Server or XP
- Fixed IP address that must be known to the communication units (meters).

### Further information

Do you want to know more about iMEGA, or are you interested in a quotation?

Why not contact us today via e-mail, fax or telephone.

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