



SAP Interface

## Converge

An end-to-end process  
in your value chain



## Forward-looking processes

Isolated IT systems are today a thing of the past. Data must at all times be readily and reliably available to the various departments within an organisation. This requirement means that modern IT systems have to be capable of communicating with each other (B2B communication).

With regard to automatic meter reading systems, B2B communication means that the load profile and/or billing data from the acquired meters must be automatically transferred from the meter reading system to the billing system (SAP) within a reasonable period of time.

In order to meet these requirements, Landis+Gyr has developed a unique SAP system interface for the Converge automatic meter reading system.

The interface serves the following SAP modules:

- SAP IS-U/CCS Load profile interface
- SAP IS-U/EDM Billing data interface

The use of state-of-the-art technologies has made a direct connection between SAP and Converge possible. This provides for fast data transfer and status information interchange between the two systems. This ensures that the data is simultaneously available on both systems. Error-prone, indirect methods using third-party formats, such as text files, are no longer applicable.

The interface uses the components officially intended by SAP for the purpose. This guarantees compatibility and low-maintenance operation across multiple versions.

The interface can be operated automatically.

It is essential to minimise manual processing except in case of errors, especially where very large and growing volumes of data are concerned.

The load profile interface transfers some 300'000 period values per hour, and the billing data interface transfers some 200'000 meter register values per hour to SAP. These are empirical values which may vary according to the performance of the hardware used.

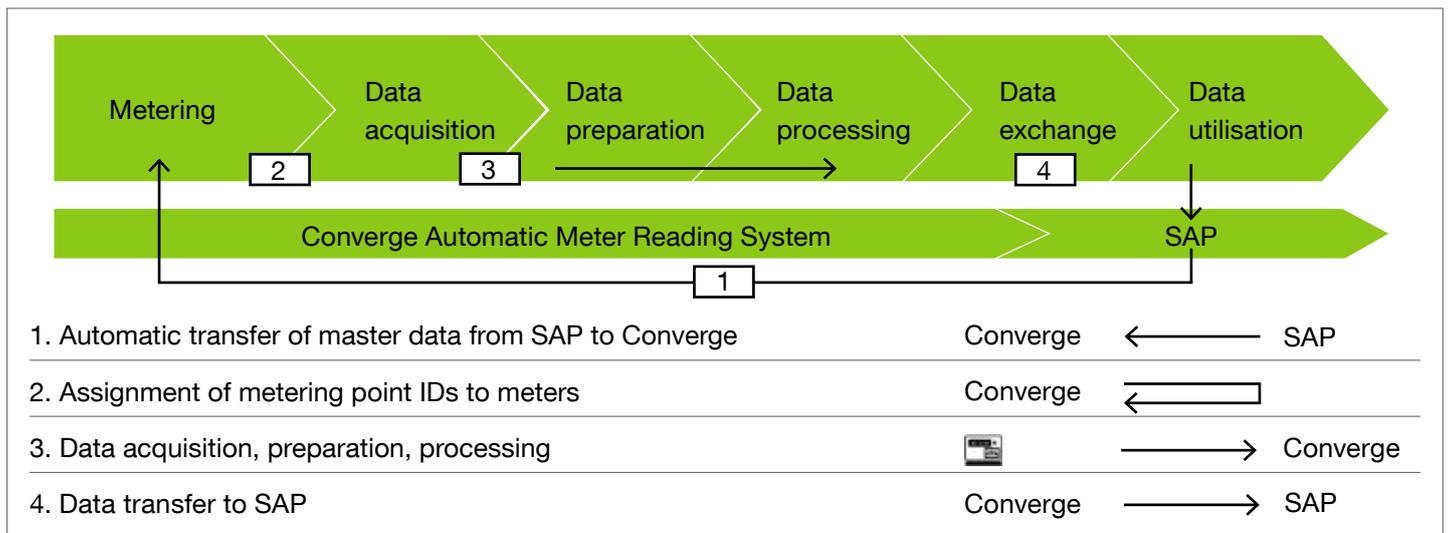
In the light of electricity market liberalisation, data segmentation is becoming increasingly important. The interface supports multi-client capability both on the Converge side and on the SAP side, which guarantees security and division of responsibilities.

The use of logical metering point identification means that a change of physical meters has no effect on the data interchange between Converge and SAP.

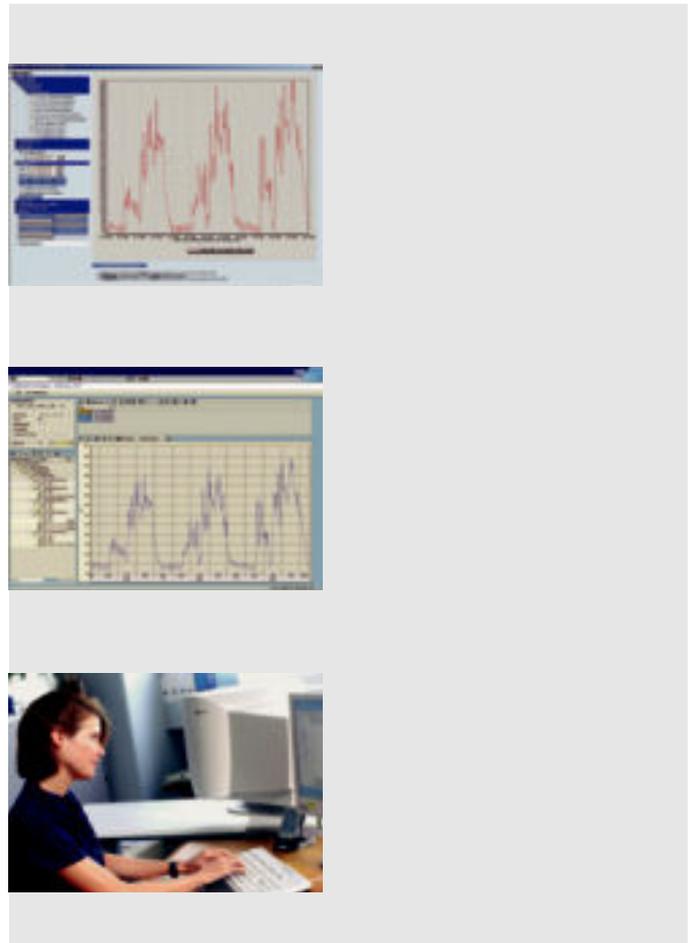
The interface also supports the concept of data traceability. Each load profile and billing value has its own history, which is included in the data transfer to SAP. This guarantees that you always have correct and current data on SAP.

The interface is controlled using SAP programs that comply with customary SAP conventions. This keeps training times short, and increases acceptance among your employees.

## Data exchange in four steps



This exceptional interface is the result of state-of-the-art technologies in combination with our years of experience in automatic meter reading and system integration. You can reap the benefits.



## 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 AG**

Feldstrasse 1  
6301 Zug  
Switzerland

Phone +41 41 935 6000  
Fax +41 41 935 6601  
info@landisgyr.com

[www.landisgyr.com/europe](http://www.landisgyr.com/europe)

