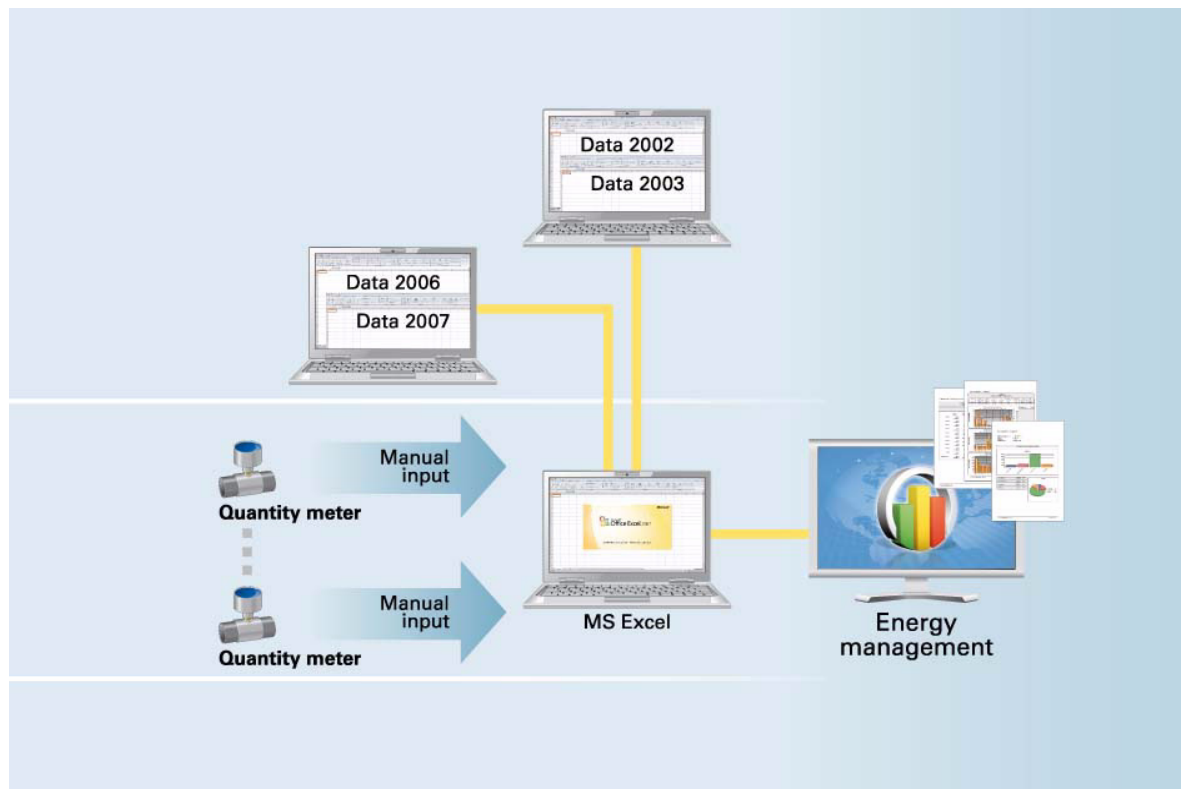### Energy Management MS Excel interface

Outline

The MS Excel interface is a plug-in for the program MS Excel (Version 2003 or higher). With this plug-in data (measured values/meter reading) from MS Excel can be transmitted directly to SM202 Energy Management. There are 2 frequent applications for the MS Excel interface:

SM202-Excel

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SM202-Excel   **Product Description**

Application 1:
Transmission of meter readings to SM202 Energy Management from MS Excel tables

The objective consists of the one-time or sporadic transmission of a large number of compiled meter readings to SM202 Energy Management. The manual and thus time-consuming entry of meter readings to the SM202 Energy Management can thus be avoided. The "difficulty" with the import of data available in an MS Excel database is the fact, that the format of the Excel tables does not correspond to any standard but may differ from case to case. Nonetheless, transmitting the compiled meter readings to SM202 is still possible. To this end the user is provided with a table
through the MS Excel plug-in into which he copies the consumption data. This means, by copying/ inserting the user now simply needs to copy VALUE and TIMESTAMP for his meters into the table provided (up to approx. 65000 values in one piece). They can now be accepted directly into the SM202 database with a push of a button.

The following is needed:

■ 1 License SM202-Excel (for 1 Plug-in)

■ The plug-in may be located on the PC on which SM202 Energy Management is installed. Alternatively, the plug-in may be located on any PC which must merely be equipped with a network connection (http browser port) for SM202 Energy Management. Example: Intranet.

Application 2:
Electronic meter reading sheets

The MS Excel interface is a plug-in for the MS Excel program. An MS Excel program equipped with this plug-in is able to transmit data (measured values/meter readings) directly to SM202 Energy Management database. The data transmission
from the PC for the data input (via Excel plug-in) to the SM202 PC simply requires an existing network connection (http browser port).

The objective is the regular transmission of meter readings to SM202 Energy Management. This allows recurring reading processes, which are usually performed via paper meter reading sheets, to be partially automated. Electronic meter
reading sheets in MS Excel make this process more efficient.

Application example - Counties and Municipalities

The SM202 PC is centrally located in the administration of a county. Meter readings are recorded manually by the facility management staff on site in schools. If the school has a PC with MS Excel as well as a network with administration (Intranet) the SM202 Excel plug-in can be used on it. The facility manager can have a "meter reading sheet" created in MS Excel for all meters located on his property. The meter readings read are entered into it and sent immediately to the SM202 PC.

Administration allows defining in the SM202 Energy Management program to which meter a facility manager can have access in each case. Configurable plausibility checks prevent the unintentional input and transmission of faulty meter readings by the facility manager.

The following is needed:

■ Number of additional SM202 Excel licenses for PCs

■ The plug-in may be located on the PC on which SM202 Energy
Management is installed. Alternatively, the plug-in may be located on any PC which must merely be equipped with a network connection (http browser port) for SM202 Energy Management. Example: Intranet.

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