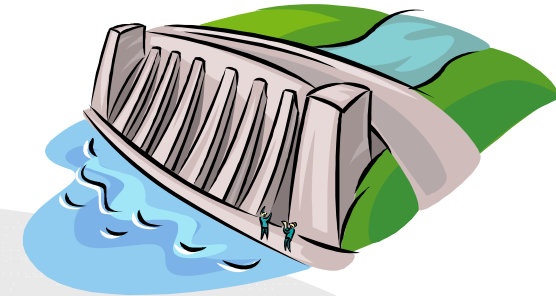


m2c

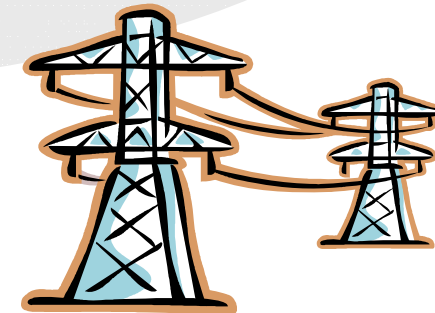
# meter2cash AG



## Small AMR System



**Small City Utilities**  
**Power Plants**  
**Industry / Submetering**  
**Grid Metering / Substations**



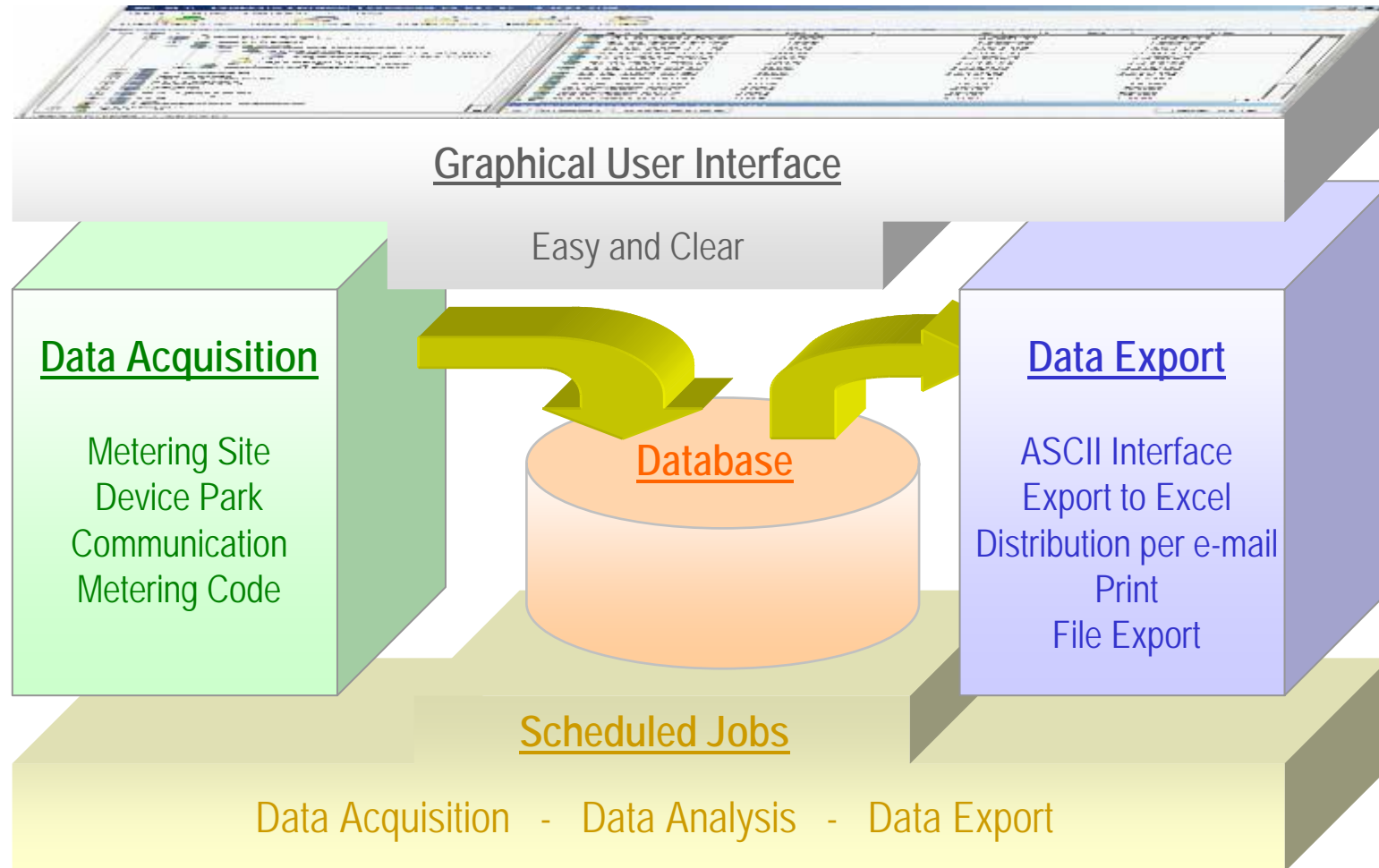
## Our Goals

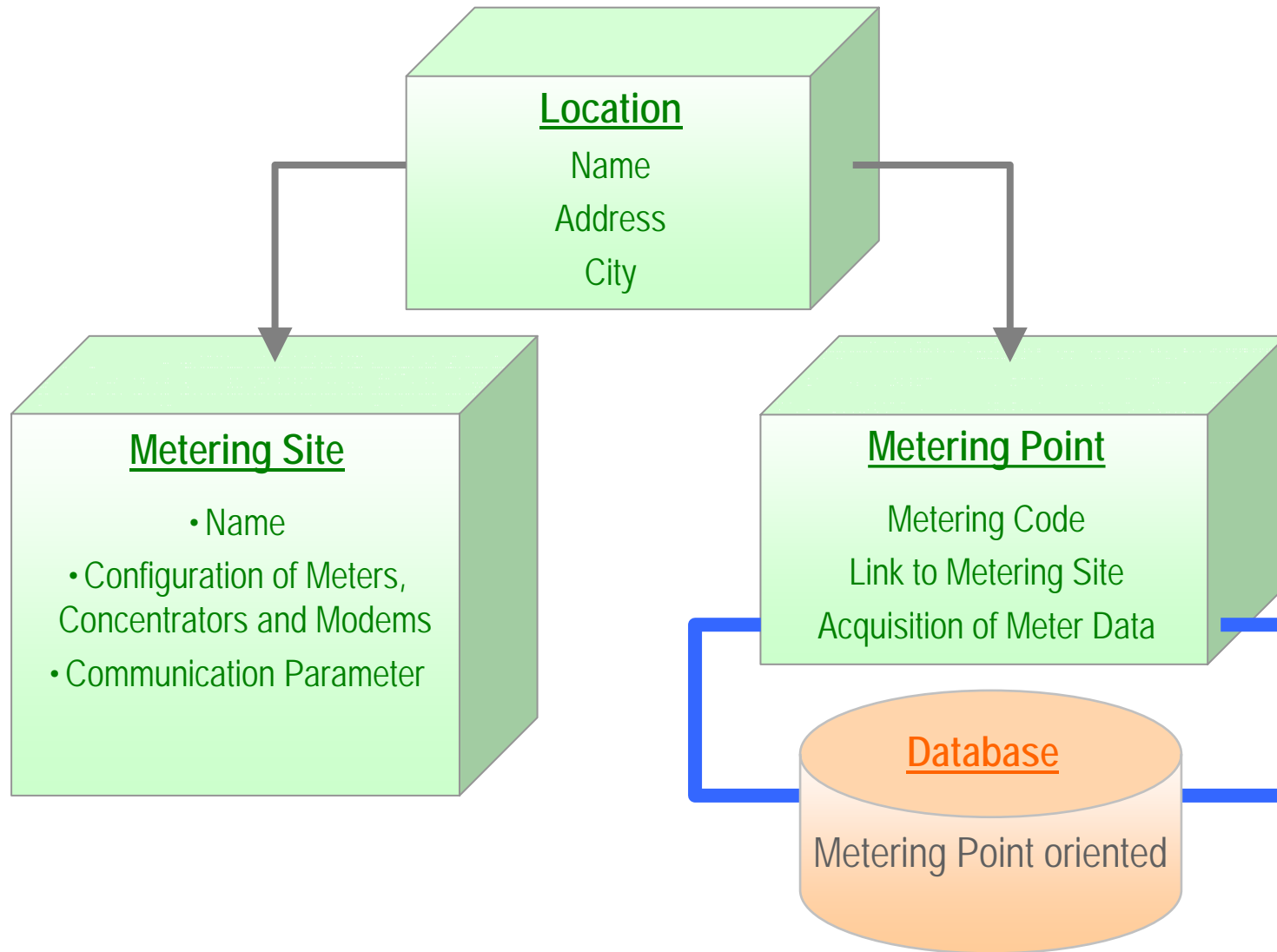
- ⊙ Little installation expenditure
- ⊙ Selfexplicatory User Interface
- ⊙ Avoidance of complexities
- ⊙ Application of existing components

## Your Advantages

- ☑ short on-site activities
- ☑ small training need
- ☑ quick system setup
- ☑ short developing time

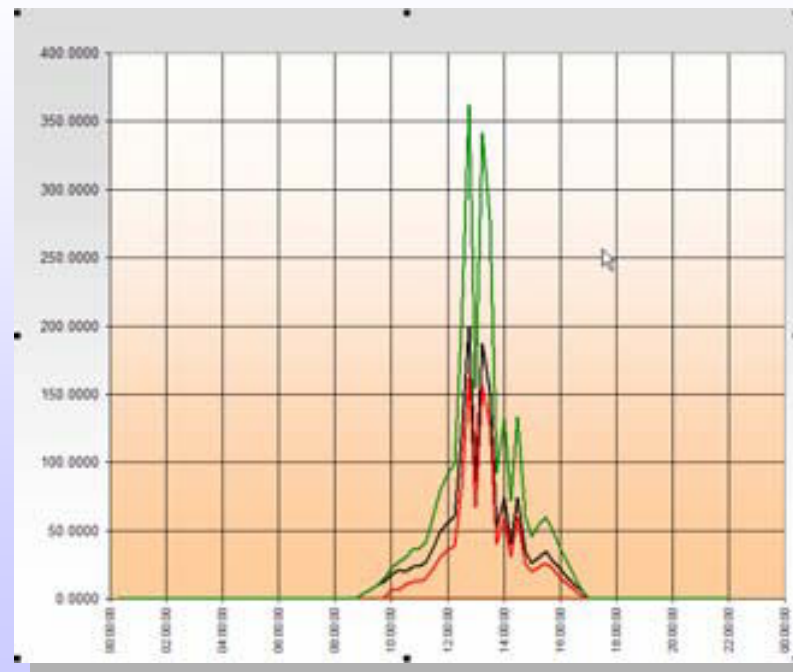
**Result: Deep costs in procurement and maintenance!**





### Data Export

- Customisable Settings
- Provision of Billing Data
- Interface to Billing System
- Scheduled Execution
- Export of Loadprofiles via Excel-Sheets



**Icons of thematic Arrangement**

**Tree Structure for optimised Navigation**

**Data List / Detailed Information**

Zeitstempel	Status	(0)	(1)	(4)	(5)	(6)	(7)	(11)	(12)	Rohwert	Bilanzierungswert	Bemerkung
27.07.2004 20:30	1032	0	0	0	0	0	0	0	0	1002.66	1002.66	
30.05.2005 00:00	1024	0	0	0	0	0	0	0	0	12.00	22.00	

**Search & Filter Functions**

## Scheduler

- Preparation of Jobs (Definition of Aquisition Time and Interval)
- Data Acquisition of activated Jobs
- Reporting in Excel Worksheets
- Data Export to Billing System
- Execution of any application

Zeitsteuerung

Auftragsbezeichnung: Erfassung KW Hochtal (täglich)

Zeitpunkt

Zeitpunkt  Täglich  
 Wöchentlich  
 Monatlich  
 Einmalig

am  
um 01:00

Gültigkeit

Gültigkeit  ausgeschaltet  
 gültig ab  
 gültig bis  
 gültig von bis  
 immer aktiv

Gültig von  
Gültig bis

OK Abbrechen



- Support of various Meter Communication Protocols (e.g. SCTM, DLMS, IEC1107, VDEW, ...)
- Creation of failed Acquisition Job Lists
- Substitution values input in case of unplausible data

**Ersatzwerteingabe**

Startdatum / Zeit: 17.01.06 01:30      Enddatum / Zeit: 17.01.06 01:30

Rohwert: 1'500.00      Status: 1

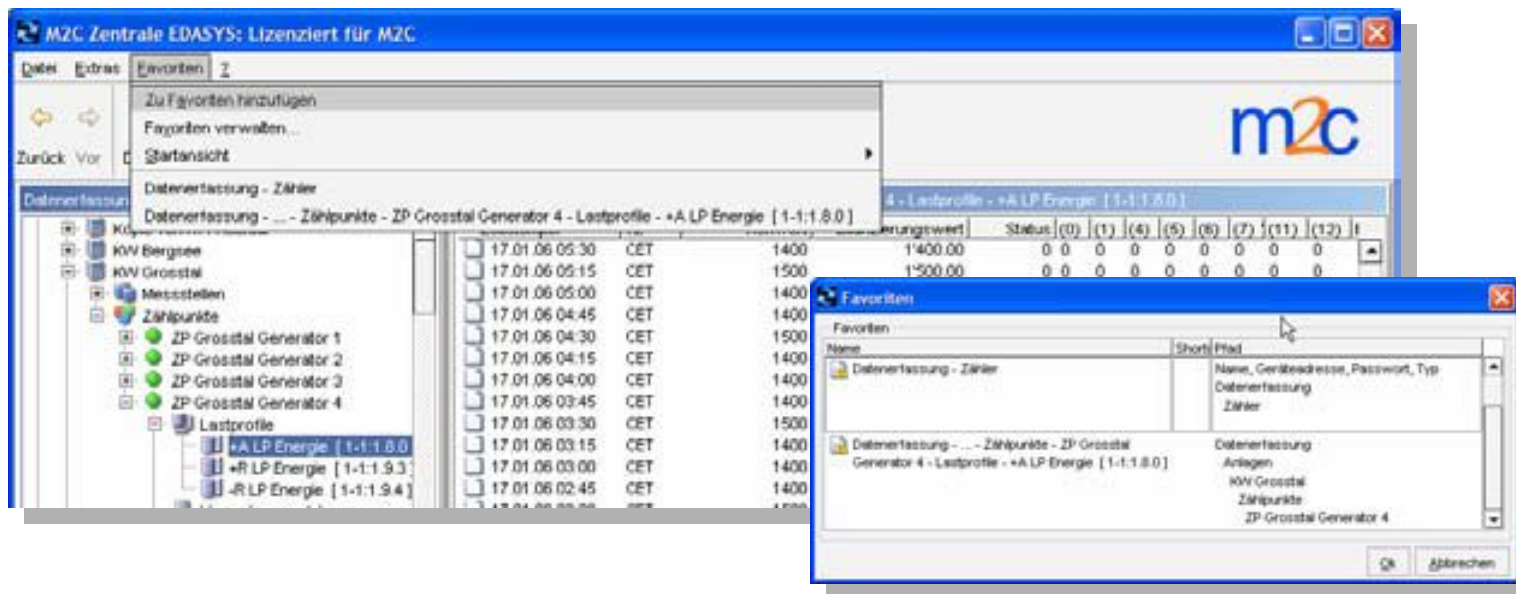
Neu

Bilanzierungswert: 1'550.00

Grund: Fehlmessung am Zähler

Zurücksetzen      Ok      Abbrechen

- Automated data transfer on to third party systems, e.g. billing systems (SAP, InnoSolv, ...)
- Creation of Favorites (Windows-Explorer-like) for direct access to frequently used positions in the application



- Export of Data Lists

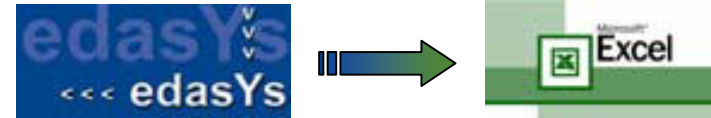


The screenshot shows the M2C software interface with a data table and an Excel export window. The data table has the following columns: Zeitstempel, TZ, Rohwert, Bilanzierungswert, and Status. The status column is divided into sub-columns (0) through (12).

Zeitstempel	TZ	Rohwert	Bilanzierungswert	Status (0)	(1)	(4)	(5)	(6)	(7)	(11)	(12)
17.01.06 05:30	CET	1400	1'400.00	0	0	0	0	0	0	0	0
17.01.06 05:15	CET	1500	1'500.00	0	0	0	0	0	0	0	0
17.01.06 05:00	CET	1400	1'400.00	0	0	0	0	0	0	0	0
17.01.06 04:45	CET	1400	1'400.00	0	0	0	0	0	0	0	0
17.01.06 04:30	CET	1500	1'500.00	0	0	0	0	0	0	0	0
17.01.06 04:15	CET	1400	1'400.00	0	0	0	0	0	0	0	0
17.01.06 04:00	CET	1400	1'400.00	0	0	0	0	0	0	0	0
17.01.06 03:45	CET	1400	1'400.00	0	0	0	0	0	0	0	0
17.01.06 03:30	CET	1500	1'500.00	0	0	0	0	0	0	0	0
17.01.06 03:15	CET	1400	1'400.00	0	0	0	0	0	0	0	0
17.01.06 03:00	CET	1400	1'400.00	0	0	0	0	0	0	0	0
17.01.06 02:45	CET	1400	1'400.00	0	0	0	0	0	0	0	0
17.01.06 02:30	CET	1500	1'500.00	0	0	0	0	0	0	0	0
17.01.06 02:15	CET	1400	1'400.00	0	0	0	0	0	0	0	0
17.01.06 02:00	CET	1400	1'400.00	0	0	0	0	0	0	0	0
17.01.06 01:45	CET	1400	1'400.00	0	0	0	0	0	0	0	0
17.01.06 01:30	CET	1500	1'500.00	0	0	0	0	0	0	0	0
17.01.06 01:15	CET	1400	1'400.00	0	0	0	0	0	0	0	0
17.01.06 01:00	CET	1400	1'400.00	0	0	0	0	0	0	0	0
17.01.06 00:45	CET	1500	1'500.00	0	0	0	0	0	0	0	0
17.01.06 00:30	CET	1400	1'400.00	0	0	0	0	0	0	0	0
17.01.06 00:15	CET	1400	1'400.00	0	0	0	0	0	0	0	0
17.01.06 00:00	CET	1400	1'400.00	0	0	0	0	0	0	0	0
16.01.06 23:45	CET	1400	1'400.00	0	0	0	0	0	0	0	0
16.01.06 23:30	CET	1500	1'500.00	0	0	0	0	0	0	0	0

The Excel export window shows a table with columns: Zeitstempel, Status (0) through (12), Rohwert, and Bilanzierungswert. The data in the Excel window matches the data in the M2C interface.

- Creating Reports



**M2C Zentrale EDASYS: Lizenziert für M2C**

File Extras Favoriten ?

Zurück Vor Datenerfassung Datenauswertung Zeitsteuerung Meldungen System

Datenauswertung

Berichte - BT\_ZMD-408 - Definition

→ Farbe Lastprofil  
I21Rot II-1-2.8.0I-A.L

Microsoft Excel - Table LP MP Luzern 1

File Edit View Insert Format Extras Data Window ?

Arial 14

G1 A

KW Grosstal Generator 4			
1			
2	<b>1. Maximum</b>	74800	1400
3		2006-01-16 11:45:00	2006-01-16 05:00:00
4	<b>1. Minimum</b>	0	0
5		2006-01-16 06:00:00	2006-01-16 06:00:00
6	<b>Summe</b>	2243900	47900
7			63600
8	<b>Mittelwert</b>	23132.99	493.81
9			656.67
10			
11		<b>+A LP Energie</b>	<b>-Ri LP Energie</b>
12	<b>Zeitstempel</b>	<b>1-1:1.8.0</b>	<b>1-1:1.9.3</b>
13	2006-01-16 00:00:00	1400.00	200.00
14	2006-01-16 00:15:00	1300.00	400.00
15	2006-01-16 00:30:00	1400.00	200.00
16	2006-01-16 00:45:00	1300.00	300.00
17	2006-01-16 01:00:00	1400.00	500.00

## Hardware:



**Pentium PC, 2 GHz, 512 MB RAM**  
**40 GB HD (Installation and Data Storage)**  
**CD/DVD Drive, LAN Connection**  
**Remote access to the System (ISDN, RAS, VPN, ...)**  
**17" Monitor, Keyboard, Mouse**

## Software:



**Operating Sys.: MS Windows XP or 2003 Server**  
**Office-Package: MS Office XP, Office 2000**  
**Remote Software: e.g. NetOp**  
**Application: edasYs-Software (including DB)**

## Communication:



**Modems according to requirements (PSTN, GSM, ...)**  
**Direct connections possible via COM-Port or LAN**