

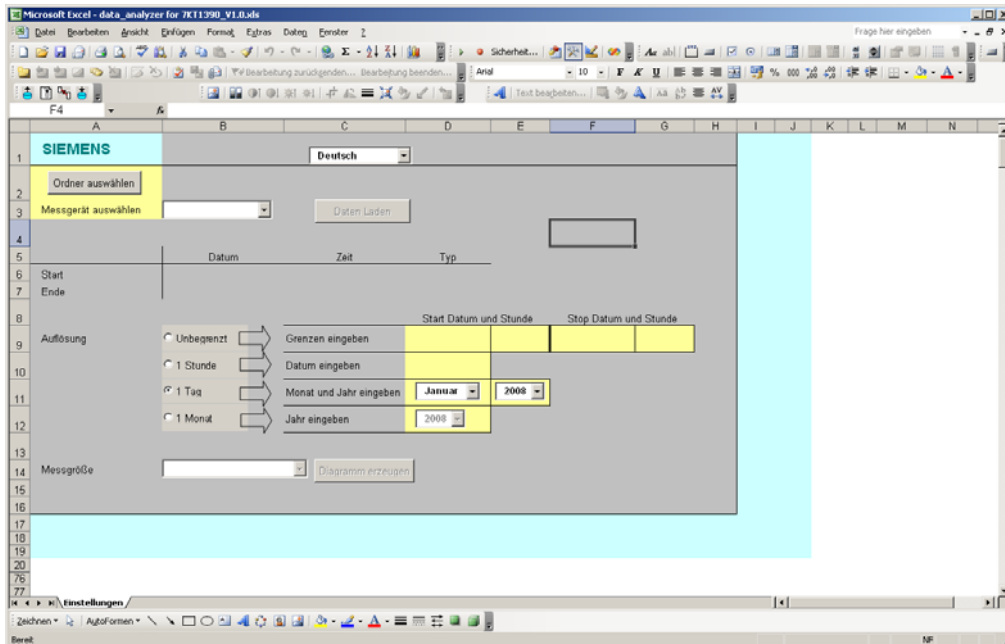
## „Data Analyzer for 7KT1390 V1.0“

The measured datas from the LAN Coupler 7KT1390 are continuously stored with its time and date in a .csv file.

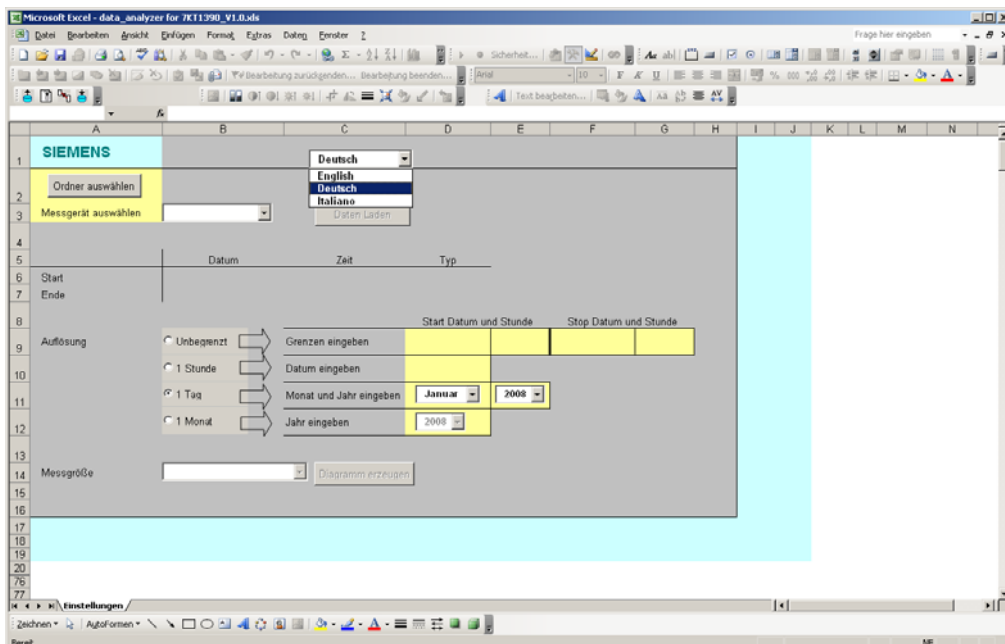
The transmission of the measured values is done via LAN Coupler 7KT1390 and LAN on a Server PC. The storage of this values, allows the user to analyze the history and the current values.

With this small tool you can have a quick look at your current, power, voltage and energy measured by the SIEMENS 7KT1X series.

### 1. Start „Data Analyzer“



### 2. Select language (german, english,.....)



### 3. Select Folder where the .csv Datas are stored.

If you run the analyzer on a Server or Client PC, where the measured datas are already stored, the program looks for the .csv datas on its own.

### 4. Choose the csv-data (=serial number of measuring device)

Microsoft Excel - data\_analyzer for 7KT1390\_V1.0.xls

SIEMENS

English

Select folder

Select an instrument: 5C2A0116.csv

Load data

Date: 5C2A0116.csv

Time: 5E3A0002.csv

Type:

Start: Start date and hour

End: End date and hour

Resolution:

- ☐ Infinite
- ☐ 1 Hour
- ☒ 1 Day
- ☐ 1 Month

Enter limits: Enter a date: Enter month and year: January 2008

Enter a year: 2008

Quantity: Active power L1

Generate chart

### 5. „Load data“ (you can see the period of time, which the .csv data contains )

Microsoft Excel - data\_analyzer for 7KT1390\_V1.0.xls

SIEMENS

English

Select folder

Select an instrument: 5C2A0116.csv

Load data

Date: 5C2A0116.csv

Time: 5E3A0002.csv

Type: Multicounter

Start: 01.01.2008

End: 31.03.2008

Resolution:

- ☐ Infinite
- ☐ 1 Hour
- ☒ 1 Day
- ☐ 1 Month

Enter limits: 01.01.2008

Enter a date: 01.01.2008

Enter month and year: January 2008

Enter a year: 2008

Quantity: Active power L1

Generate chart

## 6. Choose the resolution („Infinite“, „1 Hour“, „1 Day“, „1 Month“).

- a) Infinite : Enter start and stop date and time for infinite resolution. Choose it within the period of the measured datas.  
Please take note that Excel can't display more than 4000 values. If you get a warning message you have to choose a shorter period.
- b) 1 Hour: Hour Average values over a period of one complete day, that can be chosen by the user.
- c) 1 Day : Day Average values of a month chosen by the user.
- d) 1 Month: Month average value of a year chosen by the user.

## 7. Choose the Quantity (e.g. “ active power L1“,.....)

Microsoft Excel - data\_analyzer for 7KT1390\_V1.0.xls

SIEMENS

English

Select folder

Select an instrument: SC2A0116.csv

Load data

	Date	Time	Type
Start	01.01.2008	0:00:01	Multicounter
End	31.03.2008	23:45:01	

Resolution

☐ Infinite

☒ 1 Hour

☐ 1 Day

☐ 1 Month

Quantity

Active power L1

Active power L1

Voltage L1

Current L1

Apparent power L1

Chained voltage L1-L2

Active power L2

Voltage L2

Current L2

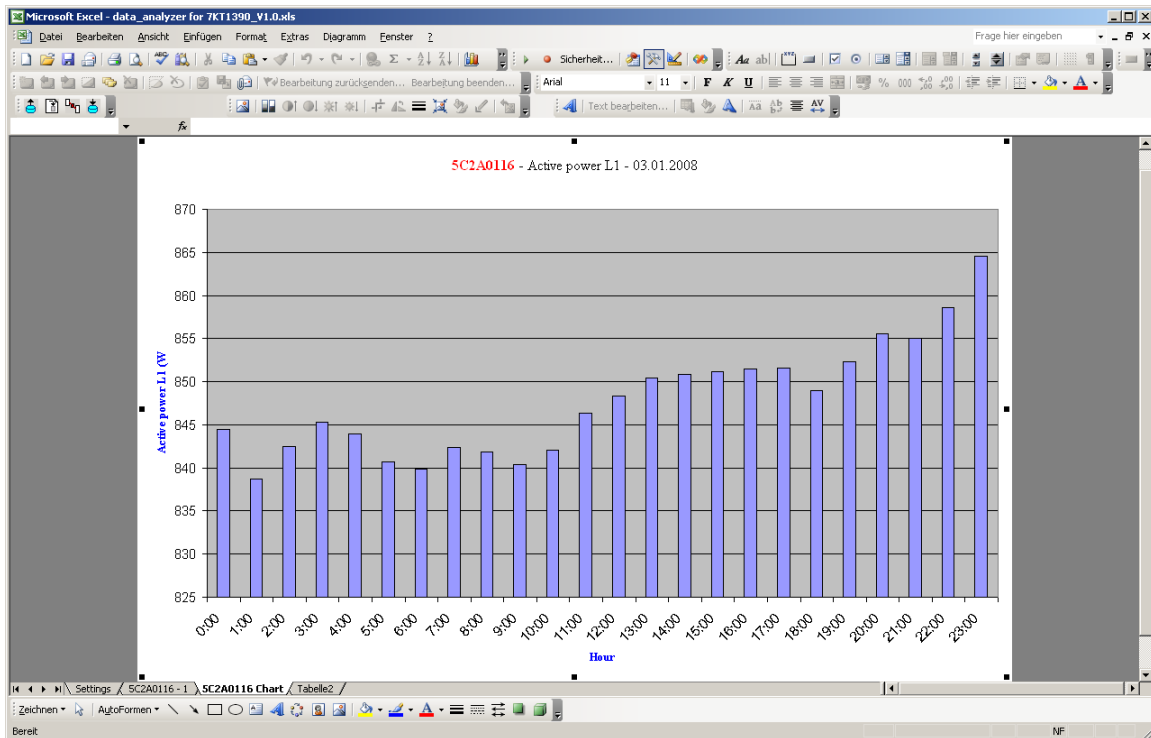
Generate chart

Settings / SC2A0116 - 1

Bereit

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8. Press the „Generate Chart“ button (the values will be displayed graphically).



9. By choosing the „settings“ sheet, you can generate new charts.

Settings / 5C2A0116 - 1 / 5C2A0116 Chart / Tabelle2 /

SIEMENS		English	
Select folder			
Select an instrument	5C2A0116.csv	Load data	
Start	01.01.2008	0:00:01	Multicounter
End	31.03.2008	23:45:01	
Resolution	<input type="radio"/> Infinite <input type="radio"/> 1 Hour <input type="radio"/> 1 Day <input type="radio"/> 1 Month	Enter limits Enter a date Enter month and year Enter a year	Start date and hour End date and hour
Quantity	Active power L1	Generate chart	