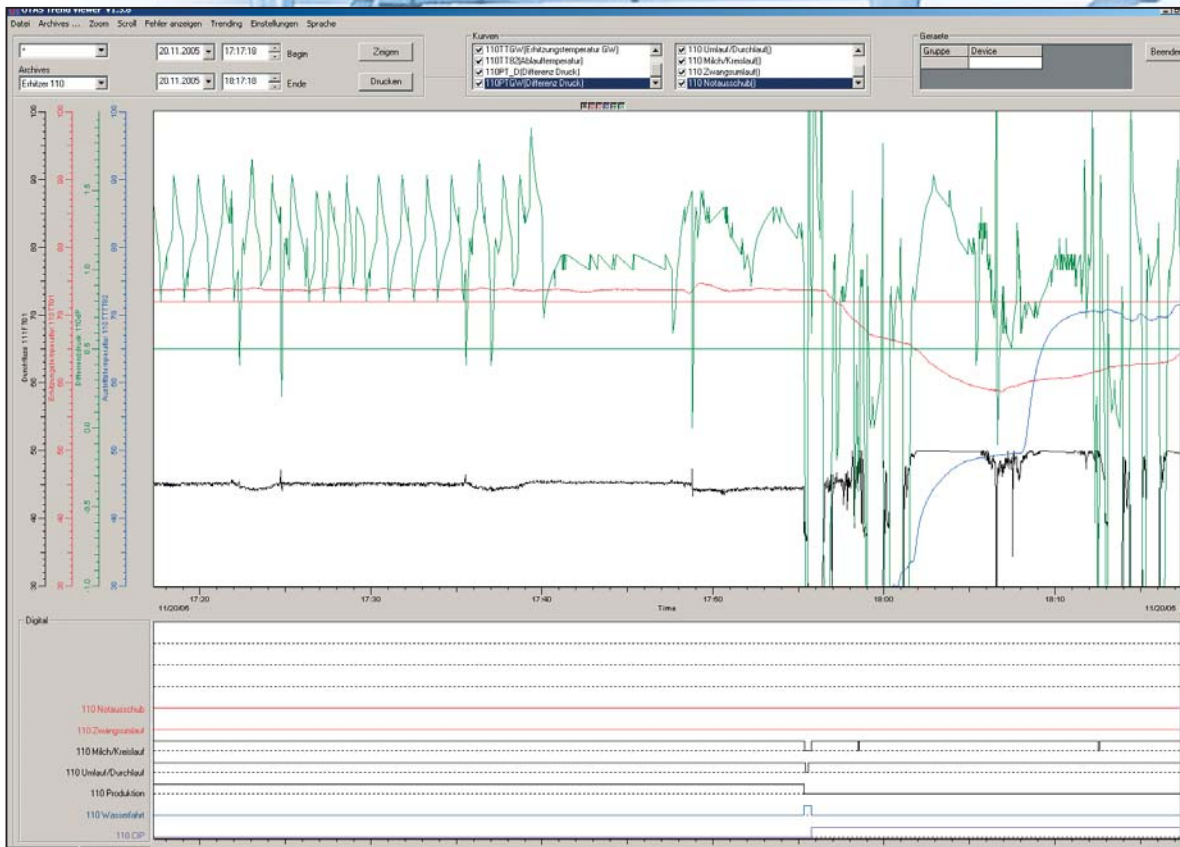


# OTAS® Monitoring

Process optimisation and validation



# Archiving of measuring data . . .

## . . . for tracking your processes

OTAS® Monitoring enables you to record measured values and switching statuses simultaneously, thus creating the necessary transparency for the optimisation of production and cleaning processes. The recorded history data can also be used to validate individual batches or entire production volumes.

### System architecture

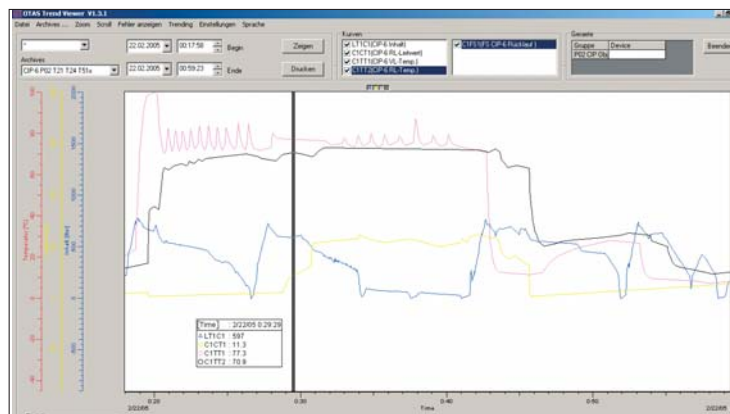
- The **Data Collector** collects the measured data from the control systems via OPC
- The **Configuration** enables you to create measured values and archives
- The **Monitoring Viewer** is the front-end application for displaying and analysing the measured data

### System requirements

Windows 2000 prof. or XP prof.  
Microsoft SQL-Server or MSDE

### Features

- Batches can be selected for graphical representation from an archive overview
- To determine the exact values, functions are provided such as:
  - Zooming on the x-axis and the y-axis
  - Shifting the time axis
  - Actual value line
  - A reference trend can be shown
- Offline evaluation of measured data using the Monitoring Viewer; this data can be displayed on any standard PC
- Archive space limited only by the size of your hard disk
- Online language change-over
- Network compatible
- Data can be exported to MS-Excel (CSV format)
- Can be integrated into automation systems that are already up and running



Actual value line

PLC-ID	Var ID	Name	Typ	Beschreibung	Bereich	Min	Max	Precision	Einheit	Adresse	Toleranz	Modus
1	89	LI S01	INT	Füllstand TAS2A	Ansatz	0	2800	0	l	S7 PLC16_OPS3DB31.INT138	5	durchgehend
1	90	LI S02	INT	Füllstand TAS2B	Ansatz	0	2800	0	l	S7 PLC16_OPS3DB31.INT140	5	durchgehend
1	91	LI S03	INT	Kühler Di-Ansatz	Ansatz	0	100	1	l	S7 PLC16_OPS3DB31.INT164	1	durchgehend
1	92	LI S04	INT	Temp. U-Ansatz	Ansatz	0	100	1	l	S7 PLC16_OPS3DB31.INT166	1	durchgehend
1	93	LI TA01	INT	Füllstand TA01	Stärke	0	6000	0	kg	S7 PLC16_OPS3DB31.INT2160	3	durchgehend
1	94	LI TA02	INT	Füllstand TA02	Stärke	0	6000	0	kg	S7 PLC16_OPS3DB31.INT2162	3	durchgehend
1	95	TI TA01	INT	Temperatur TA01	Stärke	0	100	1	l	S7 PLC16_OPS3DB31.INT2164	3	durchgehend
1	96	TI TA02	INT	Temperatur TA02	Stärke	0	100	1	l	S7 PLC16_OPS3DB31.INT2166	3	durchgehend
1	97	LI S01	INT	Füllstand S01	Stärke	0	20000	0	kg	S7 PLC16_OPS3DB31.INT2182	10	durchgehend
1	98	LI S02	INT	Füllstand S02	Stärke	0	20000	0	kg	S7 PLC16_OPS3DB31.INT2184	10	durchgehend
1	99	BVG F101	INT	Fluss Phosphatwasser	Stärke	0	4000	0	l/h	S7 PLC16_OPS3DB31.INT2190	3	durchgehend
1	100	BVG F102	INT	Fluss Sharp	Stärke	0	4000	0	l/h	S7 PLC16_OPS3DB31.INT2192	3	durchgehend
1	101	BVG F103	INT	Fluss VD-Wasser	Stärke	0	4000	0	l/h	S7 PLC16_OPS3DB31.INT2196	3	durchgehend
1	102	BVG PI Kocher	INT	Druck Kocher	Stärke	0	6	2	bar	S7 PLC16_OPS3DB31.INT2198	0,3	durchgehend
1	103	BVG DI	INT	Konzentration Kocher	Stärke	0	15	1	l	S7 PLC16_OPS3DB31.INT2140	0,1	durchgehend

Configuration