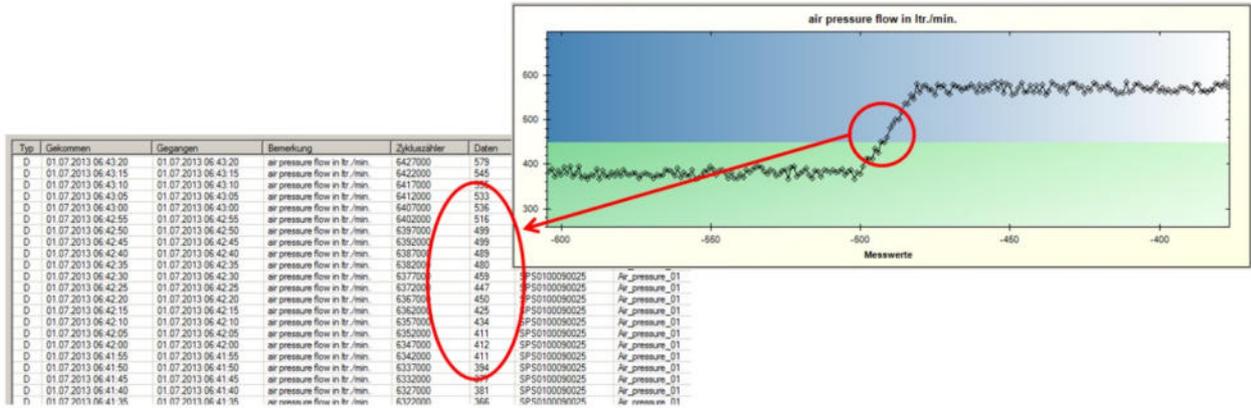


Product Information

PEL 3000 - Application Examples

Get to the reason of errors in the system ...

for example, slowly increasing air consumption due to material failure or wear:



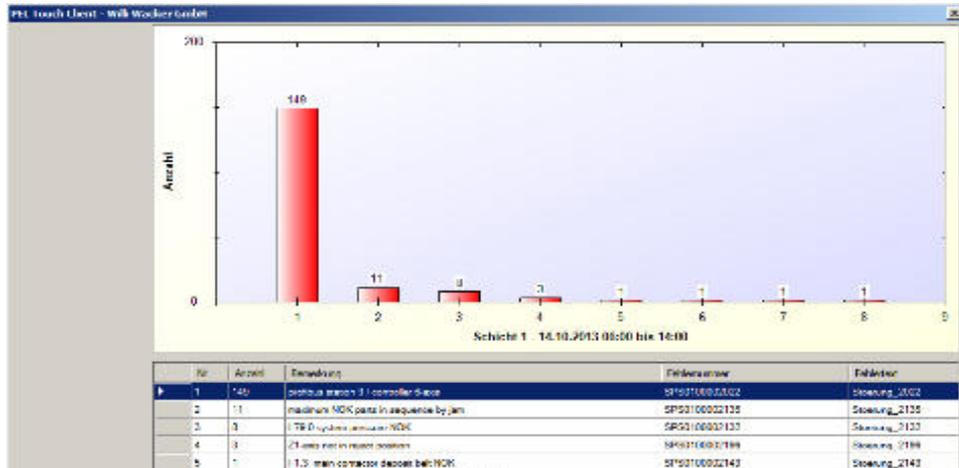
or use the log to determine the cause of the damage to your system ...
e.g. short-term power failure of the electrical supply:

Typ	Gekommen	Gegangen	Bemerkung	Zykluszahl	Daten	Fehlernummer	Fehlertext
S	02.07.2013 10:01:32	02.07.2013 10:01:34	failure main supply phase 1	8827000		SPS0100002089	MainSupply_P1

Sometimes machine parameters are also adjusted by the operator

Typ	Gekommen	Gegangen	Bemerkung	Zykluszahl	Daten	Fehlernummer	Fehlertext
D	02.07.2013 11:02:56	02.07.2013 11:02:56	Takeout Time in [ms]	8827000	5200	SPS0100090251	TakeoutTime
D	02.07.2013 11:02:42	02.07.2013 11:02:42	Active user	8827000	Willi Wacker	SPS0100090253	UserLoggedIn

See at a glance the most common mistakes of the last shifts and their duration ... as a graphic:



... or as a list:

Nr.	Ausfallzeit	Anzahl	Bemerkung	Fehlernummer	Fehlertext
1	0:00:20	4	profibus station 5 / controller 2-axis	SPS0100002018	Stoerung_2018
2	0:00:15	3	profibus station 6 / controller 3-axis	SPS0100002019	Stoerung_2019
3	0:00:15	3	profibus station 16 / controller 13-axis	SPS0100002029	Stoerung_2029
4	0:00:10	2	profibus station 15 / controller 12-axis	SPS0100002028	Stoerung_2028
5	0:00:10	2	controller Z1-axis fault No: \01subindex: \02	SPS0100002002	Stoerung_2002
6	0:00:10	2	protected area\01 violated (confirmable in manual operatio...	SPS0100002035	Stoerung_2035
7	0:00:10	2	I.0.7 emergency stop IMM triggered	SPS0100002045	Stoerung_2045

... and finally the PEL system shows you the availability per shift and day ... every day.

Datum	Schicht 1	Betrieb...	Ausfall...	Verfügbarkeit [%]	Schicht 2	Betrieb...	Ausfall...	Verfügbarkeit [%]	Gesamtverfügbarkeit [%]
08.07.2013	06:00 - 14:00	08:00:00	00:03:33	99,260417	14:00 - 22:00	08:00:00	00:00:00	100,000000	99,630208
09.07.2013	06:00 - 14:00	08:00:00	00:00:00	100,000000	14:00 - 22:00	08:00:00	00:00:00	0,000000	50,000000
10.07.2013	06:00 - 14:00	08:00:00	03:01:11	62,253472	14:00 - 22:00	08:00:00	00:00:00	100,000000	81,126726
11.07.2013	06:00 - 14:00	08:00:00	08:00:00	0,000000	14:00 - 22:00	08:00:00	08:00:00	0,000000	0,000000
Total:									57,689236

Note: some of the examples listed are project-specific values that are not available in every system as standard.

CMLog

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