

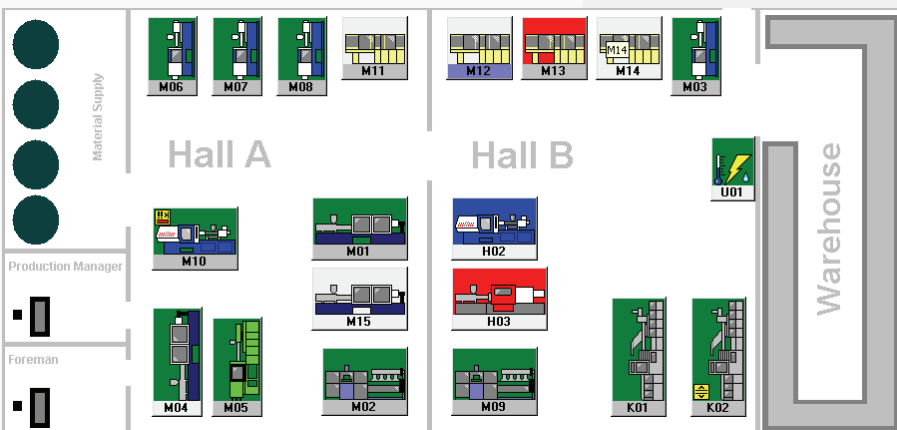
T.I.G. MONITORING ASSISTANT

Identify your potential – optimise production!



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T.I.G.

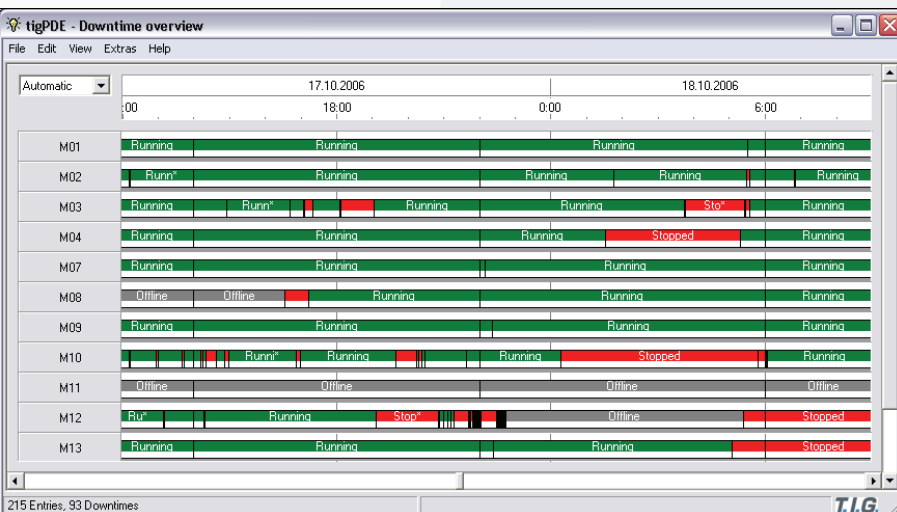


Control centre: graphic layout of shop floor

Our concept:

The **T.I.G. ■ MONITORING ASSISTANT** is the information exchange of your production plant, acquiring and visualising operation and machine data as its central function. Rely on a real-time production control centre and obtain a perfect overview of your shop floor.

Open a separate window for every machine to get hold of the detailed parameters of running production jobs – zoom into every machine or shift, and/or display quality data.



„Speedometer“: downtime overview

Application:

The **T.I.G. ■ MONITORING ASSISTANT** is your best option for instant information on the current situation of production. Find out at a mere glance which machines are running or down and why. Check your graphic control centre and cut down your daily rounds on the shop floor.

The **T.I.G. ■ MONITORING ASSISTANT** does not only provide current but also long-term information. Take down and keep a record of all the production sequences and downtimes from the moment you start up your system. Analyse all your shifts, machines, and last-month productivity.

Check the **T.I.G. ■ MONITORING ASSISTANT** to learn about excessive cycle times and production quantities, or overdue inspection intervals from within the plant or from anywhere outside.

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Machin	Status	Job	Article	Customer	Comment	Prio	Quantity Set	Quantity Good	Quantity Reminder	Cycle time Set	Cycle time Actual
H02							0 pcs.	0 pcs.	0 pcs.	0 sec.	0 sec.
H03							0 pcs.	0 pcs.	0 pcs.	0 sec.	0 sec.
K01		1004474	Lineal	Desma			2000 pcs.	18 pcs.	1982 pcs.	99,00 sec.	715,00 sec.
K02		1004472	000 IQN	Desma			5000 pcs.	88 pcs.	4912 pcs.	100,00 sec.	262,00 sec.
M01		46 007 6710	1400767	BSHG	1. LT. 20.10.00 - Lag. 0		19400 pcs.	1955 pcs.	17445 pcs.	45,00 sec.	43,60 sec.
M02		38 007 10000	1600071		Rest mit 67 Stück. auf 0		48000 pcs.	20418 pcs.	27582 pcs.	31,00 sec.	35,31 sec.
M03		34 007 1200	1400712	0071200	B 20/li 1 x 65 Stück	0	15400 pcs.	7504 pcs.	7896 pcs.	20,00 sec.	21,77 sec.
M04							0 pcs.	9207 pcs.	0 pcs.	0 sec.	23,02 sec.
M05		41 012 5800	1403056			0	19500 pcs.	19282 pcs.	218 pcs.	35,00 sec.	36,04 sec.
M06		45 012 1600	140121E			0	27000 pcs.	20602 pcs.	6398 pcs.	60,00 sec.	56,83 sec.
M07		7 012 1730	1401217			0	26208 pcs.	14256 pcs.	11952 pcs.	55,00 sec.	53,97 sec.
M08		29 030 8100	1403081	Pliz - Werk Betschdo		0	1520 pcs.	1606 pcs.	-86 pcs.	85,00 sec.	76,97 sec.
M09		30 007 9400	1400794		18 Karton x 1600 St./;	0	40000 pcs.	38006 pcs.	1994 pcs.	40,00 sec.	38,64 sec.
M10		29 012 3205	1401232			0	19825 pcs.	2317 pcs.	17508 pcs.	30,00 sec.	33,66 sec.
M11		32 007 3650	1400736	14007	5 x /BSHG	0	41600 pcs.	0 pcs.	41600 pcs.	38,00 sec.	86,51 sec.
M12		2280	1433211			0	10000 pcs.	14 pcs.	9986 pcs.	40,00 sec.	35,37 sec.
M13		20 236 0300	1423603	ABB Kent	nach 2 Paletten Lager	0	11040 pcs.	3658 pcs.	7382 pcs.	82,00 sec.	0,00 sec.
M14							0 pcs.	8936 pcs.	0 pcs.	0 sec.	42,85 sec.
M15							0 pcs.	0 pcs.	0 pcs.	0 sec.	0 sec.
U01							0 pcs.	0 pcs.	0 pcs.	0 sec.	0 sec.

Online parameters – right from the shop floor

Your benefit:

- Transparency of production. Call off latest information at the push of a button.
- Ever-current information on machine statuses, downtime reasons, and duration of downtimes.
- Retrieve current, significant parameters such as productivity, current cycle time, scrap rate, and efficiency right from your workplace and at any time.
- Add weight to your facts by means of integrated information technology, keeping one step ahead of your competitors.

Machine	Shift	Parameter	Value	Limit
M01	46 007 6*	46 007 6710, 14007*	46 007 6710, 14007*	46 *
M02	38 007 1*	38 007 10000, 1600*	38 007 10000, 1600*	38 *
M03	34 007 1*	34 007 1200, 14007*	34 007 1200, 14007*	34 *
M04				
M07	7 012 17*	7 012 17*	7 012 17*	7 012 17*
M08	29 030 8*	29 030 8*	29 030 8*	29 030 8*
M09	30 007 9*	30 007 9*	30 007 9*	30 007 9*
M10	29 012 3*	29 012 3*	29 012 3*	29 012 3*
M11	32 007 3*	32 007 3*	32 007 3*	32 007 3*
M12	32 007 5*	32 007 5*	32 007 5*	32 007 5*
M13	20 236 0*	20 236 0*	20 236 0*	20 236 0*
M15				
M16	230*	230*	230*	230*

Options

Limit

Monitoring off

Utilization Below %

Rate of rejects Above %

Efficiency Below %

Parts per shift Below %

Cycle time Below %
Above %

OK Cancel

Shift-related evaluation of significant parameters

Integration:

Display and supervise any installation from material feeding systems and production machinery to complete production lines in the **T.I.G. ■ MONITORING ASSISTANT**.

Upgrade your **T.I.G. ■ MONITORING ASSISTANT** by means of additional **T.I.G.** software assistants, getting hold of and displaying even more information.

process values
information on production jobs
maintenance and inspection intervals

Authorise any PC workstation within or outside the local plant to have access to current production data, creating a centralised overview of several, spread out production plants.

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