



EnterpriseIQ RealTime Machine Monitoring

Optimizing Manufacturing Performance

Control Without Leaving Your Desk

EnterpriseIQ's RealTime Machine Monitoring takes plant management to a higher level, supporting machine management in true real-time. All aspects of production are tracked immediately as parts are being made and applied to the shop orders, automatically updating the schedule and finished product counts. The result of this embedded solution is improved efficiency, visibility and productivity. Take control of the plant floor with the RealTime Machine Monitoring from IQMS.

By linking directly to your machines, RealTime can monitor discrete, cyclical and continuous operations. View work center performance from any computer on your network (even remotely) and check production as it occurs. Total parts created, production time, down time, rejects and parts remaining to be produced are immediately monitored. Production shift reports are generated automatically, making product reporting and inventory reconciliation a simple task. If you want shop floor monitoring and ERP communication at its most accurate, RealTime is the best tool.

Now available using wireless mesh network technology and Lightsticks!

BENEFITS

- Improve on-time machine performance
- Eliminate the need for expensive and inefficient third-party interfaces
- Increase data integrity and accuracy with automatic collection and reporting
- Lower overhead costs by eliminating manual data entry
- Reduce scrap through improved production visibility
- Ensure plant efficiency by identifying poor work center performance
- Immediately identify unscheduled downtime
- Increase communication across your facility with visibility to all connected machines from any networked workstation

Color-coded screens provide fast and accurate visualization of production status. A single mouse click offers quick links to initiate multiple functions.

WorkCenter	Mfr#	Item Number	Tool #	Labor	FG Lot #	Parts to Go	Hrs To Go	STD Cycle	Last Cycle	AVG Cycle	Total Scrap	Act Cnt	Std Cnt	UpHrs	DwnHrs
01	C1500	C15004545-TOP	C1500	1.10	137431	3,635	23.01	22.00	20.103	22.79	43	1	1	0.06	6.48
01	C1500	C15004545-BTM	C1500	1.10	137431	6,801	43.05	22.00	20.103	22.79	0	1	1	0.06	6.48
02	002130-M1	094309-BT	DUCT TOOL	1.00	137908	61,749	145.80	DOWN -	06.00.00	02/06/09	0	2	4	0.00	6.54
03	C1535-F	C154545443-F	T-049040	0.00	140733	17,986	79.51	32.00	34.219	31.83	0	2	2	0.06	6.48
04	C58-335-100	CD335-00-AB-1	T-1380943	0.25	140740	8,990	58.01	24.00	28.157	23.23	0	1	1	0.06	6.48
05	PPC01BK001	PPC01BK001	PP4005	1.10	140034	49,920	38.90	10.00	12.062	11.22	0	4	8	0.06	6.48
06	304	5005	306	1.05	165331	22,987	114.24	36.00	34.219	35.78	0	2	2	0.06	6.48
07	T-004-2	8YY-43879934	T-300-2	0.00	161842	17,990	114.29	45.00	44.281	45.74	0	2	2	0.06	6.48
08	038801HB	5490954-038801HB	12X - 24 CAV	1.00	169183	5,169	1.35	24.00	24.14	22.56	0	24	24	0.06	6.48
09	CLIA	056995655-SH	CLIA	0.00	154606	5,868	57.90	35.00	38.219	35.52	0	1	1	0.06	6.48
10	AP-010	BC52328M	0288	0.50	122632	9,476	26.72	40.00	40.25	40.61	0	4	4	0.06	6.48
11	1009095	0945090945	T-571	0.25	169188	9,982	36.93	25.00	28.14	26.64	0	2	4	0.06	6.48
13	TAS-GATE	TAS-50000	STANT 1837	0.00	161847	108	1.35	DOWN -	06.00.00	02/06/09	0	1	1	0.00	6.54
14	POM7	01-7890434543	XX CL BRAC	1.00	169485	14,972	33.79	30.00	28.171	32.50	0	4	4	0.06	6.48
15	3892-BLK	994342-00	T-490402	1.30	170684	7,996	126.49	60.00	60.344	56.95	0	1	1	0.06	6.48
16	5400-001	4353245	5400	0.00	169244	19,520	65.42	23.00	22.156	24.13	0	2	2	0.06	6.48
16	5400-001	FG43438N	5400	0.00	169244	24,981	83.72	23.00	22.156	24.13	0	2	2	0.06	6.48
17	1013476	CF8-40049	T-667	0.25	161538	2,088	28.28	48.50	46.281	48.75	0	1	1	0.06	6.48
18	AP-008	IPS2311M	0288	0.50	169462	5,348	14.93	40.00	36.234	40.21	0	4	4	0.06	6.48
19	304-1	304 ASSY	304B	1.05	169221	4,992	41.02	30.00	34.219	29.58	0	1	1	0.06	6.48
20	DOWN-TIME					0	0.00	DOWN -	06.00.00	02/06/09	0			0.00	6.54
200	GT-236	3434620899	CP01	0.00	124594	14,993	143.77	33.70	32.204	34.52	0	1	1	0.06	6.48
200	GT-236	34620896	CP01	0.00	124594	14,993	143.77	33.70	32.204	34.52	0	1	1	0.06	6.48
200	GT-236	674520897	CP01	0.00	124594	14,993	143.77	33.70	32.204	34.52	0	1	1	0.06	6.48
200	GT-236	908433800934	CP01	0.00	124594	14,993	143.77	33.70	32.204	34.52	0	1	1	0.06	6.48
21	IT-002	CP5656	TL5458	0.25	165485	14,986	68.35	32.00	34.219	32.84	0	2	2	0.06	6.48
22	T-006	8YY-89438978934	T-200	1.50	169891	24,277	135.55	20.00	20.11	20.10	0	1	1	0.06	6.48
23	MT-005	CS5-1-A-C	T-489040	1.00	169458	9,992	82.10	30.00	34.219	29.58	0	1	1	0.06	6.48

"You just can't hide from RealTime. It shows you the reality of what your production machines are really doing"

- I-Tech

"Our labor, as a percentage of sales, has been on a constant decline since implementing RealTime. One glance shows exactly what's running and intelligent decisions can be made regarding deployment of personnel."

-Kaysun Corporation

EnterpriseIQ RealTime Machine Monitoring

Key Features

Automatically Monitor Operations - Connect directly to your machines and monitor production counts on operations such as stamping, molding, forming, extrusion, assembly process, etc.

Reject Entry - User-defined codes manage rejected parts that immediately affect production counts and scheduling.

Downtime Reporting - Instantly track up and down time and utilize customized, detailed down-time coding for analysis.

Setup and Material Notifications - Links to scheduling provide customized notification when new materials and tools are required for new jobs.

Document/Quality Control - Access documents, video and pictures that are linked directly to the Bill of Material or inventory part. Initiate inspections with a single mouse click.

Assign Labor - Input labor to the job and work center for tracking and costing.

Labels - Print labels manually as they are needed or automatically based on production counts.

Multi-Part Job Handling - RealTime supports jobs that produce multiple, unique items per production cycle.

Electronic Production Log - Enter notes and comments by date, shift, work center or BOM.

Preventative Maintenance (PM) - Tap directly into the PM module to create maintenance work orders that are immediately available to all necessary personnel.

Production Reporting - Report production as it occurs. RealTime also automatically generates production reports after each shift.

Voice Alerts - Connect to your paging system or cell phones to automatically notify production personnel or shift managers of shop floor issues.

"RealTime lets us keep our pulse on the factory floor like nothing else. We get instantaneous feedback on our critical parameters. Management has more oversight on all production activity which has resulted in significant productivity increases."

-Preproduction Plastics



Overall efficiency views - with drill down to individual work centers - shows overall machine utilization, unscheduled downtime, effective cycle time and average scrap for each work cell or business unit.