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Tieto
Real Time Factory

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How does RTF makes your productions better?

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Predictive business value impacts, always based on real situation at hand

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Availability +30%	Optimal production performance and uptime consumed as a service
Agility 1st time right	Preventive action and faster recovery from any discontinuities
Quality > min. tolerance	Consistent and transparent high quality throughput
Security less incidents	Minimized risks and human errors in high security environment

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Real Time Factory for

Production

Higher performance through increased machine productivity

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SIGN OUT: **JONI**

MAIN VIEW	OPERATING VIEW	MAINTENANCE	FAULT REPORTS

FACTORY LAYOUT

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MAIN VIEW
OPERATING VIEW
MAINTENANCE
FAULT REPORTS
Item: Gear CT6
WorkId: D1111
Phase: 1
Status: COMPLETED
StartTime: 22.09.2015@18:03:53
EndTime: 22.09.2015@19:55:07
Item: Gear CT6
WorkId: D1111
Phase: 4
Status: PLANNED
StartTime: 25.09.2015@08:08:53
EndTime: 25.09.2015@09:55:08
100%
1
20%
3
60%
2
0%
4
Products ▲

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MAIN VIEW | OPERATING VIEW | MAINTENANCE | FAULT REPORTS

MACHINERY LIST

B1001 CNC MACHINE 1 FOX

WORK NO	WORK ID	PLANNED TIME	STATUS
V6667	SHAFT AB3	9/8/15 12:00 PM 9/8/15 4:00 PM	SUUNNITELTU
V6671	SHAFT AB2	9/10/15 12:00 PM 9/10/15 4:00 PM	SUUNNITELTU
V6675	SHAFT BC3	9/11/15 12:00 PM 9/11/15 4:00 PM	SUUNNITELTU
V6664	SHAFT AB1	9/14/15 12:00 PM 9/14/15 4:00 PM	SUUNNITELTU

B1002 CNC MACHINE 2 BEAR

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MAIN VIEW | OPERATING VIEW | MAINTENANCE | FAULT REPORTS

B1001

CNC machine 1 Fox

JOB LIST

JOB ID	PART ID	PART	QTY	QTY LEFT	START TIME	STATUS	
V6667	23003	SHAFT AB3	10	10	1/1/01 12:00 AM	SUUNNITELTU	
V6671	23002	SHAFT AB2	10	10	1/1/01 12:00 AM	SUUNNITELTU	
V6675	23033	SHAFT BC3	12	12	1/1/01 12:00 AM	SUUNNITELTU	
V6664	23001	SHAFT AB1	10	10	1/1/01 12:00 AM	SUUNNITELTU	

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MAIN VIEW
OPERATING VIEW
MAINTENANCE
FAULT REPORTS
RUNNING TIME
5 : 39
HOURS : MINUTES
SPINDLE LOAD (%)
36.1 %
73.40
60.00
40.00
20.00
4.40
08:44:37
08:46:40
08:50:28
CABIN TEMPERATURE (°C)
32.8 °C
45.20
40.00
OIL TEMPERATURE (°C)
44.1 °C
44.10
40.00

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MAIN VIEW	OPERATING VIEW	MAINTENANCE	FAULT REPORTS

WK 40 Tuesday
29.09.2015

MAINTENANCE DAILY TASK LIST

D	CLEAN THE SPINDLE	DUE: 9/30/15 12:00 AM	DONE ✓
D	ORGANISE TOOLS	DUE: 10/6/15 12:00 AM	DONE ✓
D	CHECK OIL LEVEL	DUE: 9/30/15 12:00 AM	DONE ✓

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MAIN VIEW | OPERATING VIEW | MAINTENANCE | FAULT REPORTS

B1001

CNC machine 1 Fox

CREATE FAULT REPORT

ALERTS

9/1/15 8:44 AM --- GENERATED ALARM 1 (COMMAND)

9/1/15 8:48 AM --- GENERATED ALARM 2 (COMMAND)

MAINTENANCE FOLLOW-UP

WORK ID	RECEIVED	ACTION TAKEN	MAINT. ARRIVED	CASE CLOSED	LEAD TIME	
Y0148	9/1/15 8:27	1/1/01 12:00	1/1/01 12:00		1/1/70 2:00	

How to get started?

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- Ideation workshop: **opportunity discovery** with initial business benefit identification as outcome.
- Bring your own data: **sample sensor installation and pilot test drive pilot** to find out how your business will benefit from Real Time Factory.

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