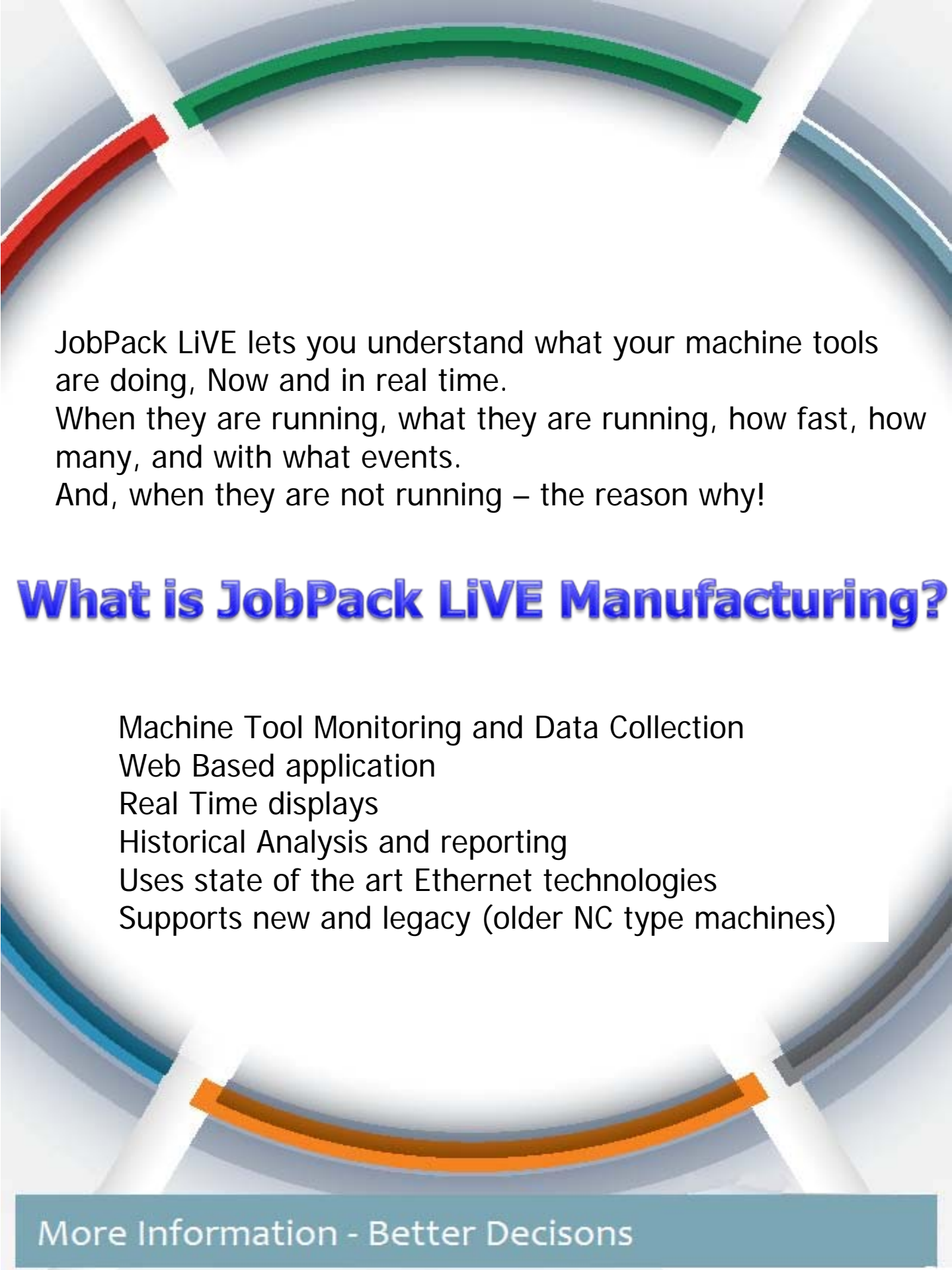


# Web Based Machine Event Monitoring



More information – Better Decisions



JobPack LiVE lets you understand what your machine tools are doing, Now and in real time.

When they are running, what they are running, how fast, how many, and with what events.

And, when they are not running – the reason why!

## **What is JobPack LiVE Manufacturing?**

Machine Tool Monitoring and Data Collection

Web Based application

Real Time displays

Historical Analysis and reporting

Uses state of the art Ethernet technologies

Supports new and legacy (older NC type machines)

## Direct connection to CNC controls via Ethernet

All major controls supported in native format

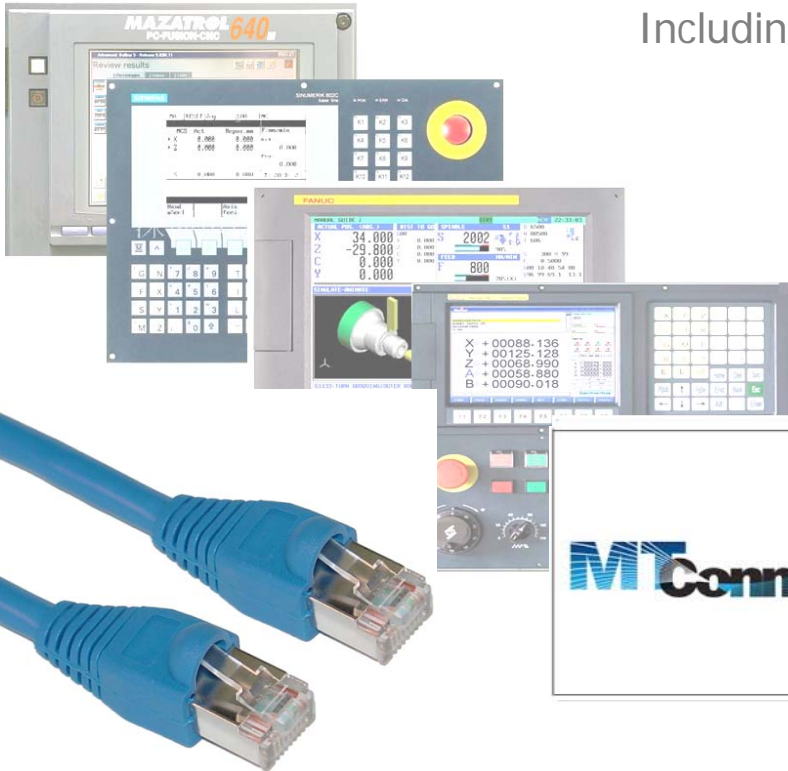
Full Support for MTConnect

Control Manufacturer Protocols supported

Including: Fanuc FOCAS

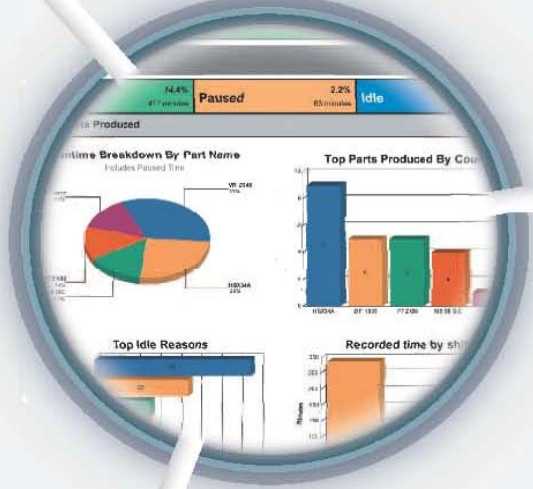
SIEMENS RPC

Okuma Thinc



Easy to use operator menu input  
for non-machine related stoppage  
via ANY mobile tablet device

More Information - Better Decisions



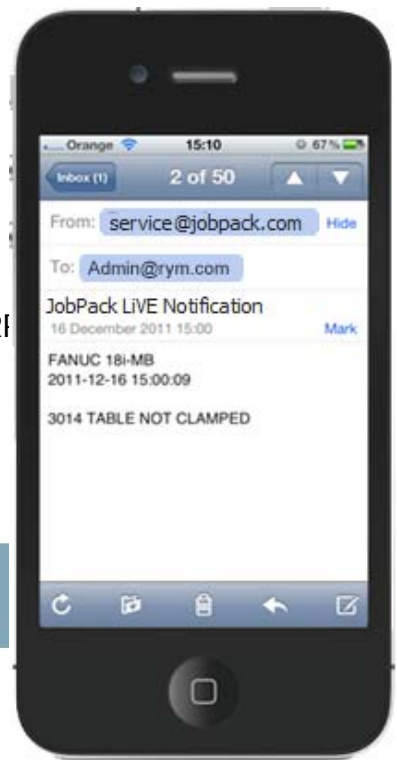
# SUPPORTED CNC COLLECTION TYPES

Cycle Time & Part Count	Fanuc FOCAS	MAZAK	OKUMA	SIEMENS	MTCONNECT
Cycle and part count	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feed Rate Over ride	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Part Name / number	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tool Offset	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PMC Data Monitoring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feed Hold	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Machine Alarm recording	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Current Tool



Web based access  
 Real Time Status and reports  
 Native Ethernet protocols  
 Custom Displays  
 Powerful API to interact with ERI systems





Graphical reports on  
ANY event -  
By Machine  
By Job  
By Month  
By Week  
By Day  
By Shift  
By Operator

## TOTAL REPORTING

In-cycle & out-of-cycle time  
Parts Counting  
Alarm status  
Complete OEE  
Daily Production  
Hourly Production  
Idle Analysis

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# Complete Mobility

- View Machines in production
- Machines In-cycle
- View quantities and parts count
- See and Get Alarm status
- View Dynamic OEE figures
- Get Daily Production
- Hourly Production
- Idle Analysis



...on ANY device YOU choose



Any monitored parameter can have alarm limits set that can trigger a siren, beacon, printer, SMS text message, or email. This ensures that critical situations are addressed promptly.

Screen displays can be duplicated wherever the information is needed, throughout the plant and offices or remotely over any distance.

This allows access by a head office or overseas division or even a production manager from his home PC or mobile device. User passwords and privileges assure secure access with all user actions being recorded by the system

# Full Support for LARGE Shop floor Displays 40" - 65"



Real Time Machine Status on large LCD monitors for the shop or in a manufacturing cell  
Real Time Display can be accessed remotely via ANY web browser, on PC, iPhone, iPad, tablet or Android device.

# Non-Machine related events

## JobPack® Operator Input. Manual Data Collection

Provides the ability to collect data, events, and job / work order information from shop floor operators. Set up is easy and fast allowing menu configuration for operator input. This provides a comprehensive ability to react to new and changing situations as they occur. Any non-machine related stoppage reason, or event can be defined and setup for operator input easily and fast.



**Flexibility is key**  
with accurate shop floor operator input  
for non machine related events.

Additional information such as:

“Why machine is idle?”    “Operator Name”  
“Quality data”                “Job Information”

This data can be input by operators using:  
Bar Code scanner  
Mobile Tablet with menu or free text  
Or touch screen data terminal



Over 18 years experience of development, sales, and support of manufacturing systems ensures JobPack® Inc has the expertise and knowledge base to provide complete turnkey installations, training, and after sales support services.



JobPack® provides growth without cost penalties for clients who have the requirement to start at an entry level and incrementally build to establish a complete manufacturing solution.



### **Fuel Effective Engineering & Production Decisions:**

JobPack Machine Monitoring is scalable and multi functional, with ultra fast access and report routines that work effortlessly.

While you go about your main task and job-function, JobPack is hard at work collecting performance and non-performance data, to provide you with real information in an easy to read graphical report for Historical Analysis, Trend Analysis and Real Time Event Status all available any time on any web device. JobPack empowers managers with real facts, to fuel effective engineering and production decisions.

 [www.jobpack.com](http://www.jobpack.com) 



More Information - Better Decisions