

# JobTrak™

## MACHINE MONITORING AND MANAGEMENT SOFTWARE

### Power Made Simple

**JobTrak** is a plant-wide, real-time, shop floor job management and monitoring system specifically designed for plate/sheet processing operations. JobTrak provides you and your management team with information that can be used to make informed decisions which may **positively affect return-on-assets and business viability in the long-term.**

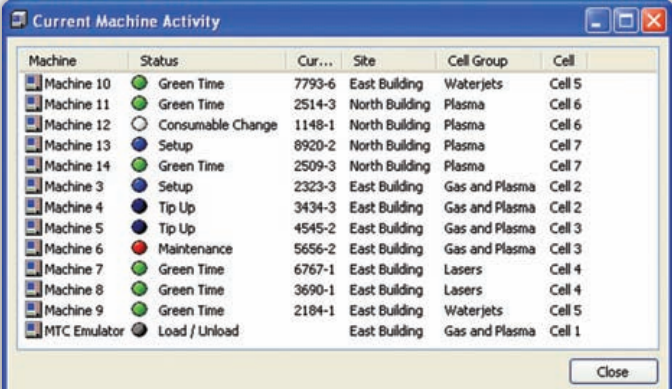
The empirical data captured by JobTrak can be used for strategic planning for capital investment, labor requirements, employee incentive programs and scheduled maintenance. Short-term gains such as reduced customer lead-times and improved on-time deliveries can also result from the use of JobTrak; the outcome of better resource allocation, company-wide. **Efficient sheet/plate processing needs to be taken seriously, so take a serious look at how JobTrak can help!**

### Increase Profits

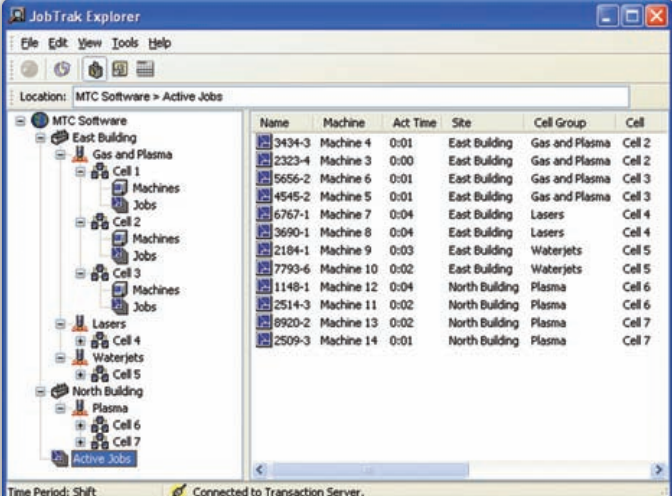
Knowledge is power and with JobTrak **you know precisely what's happening on the production floor. . . right now!** JobTrak is loaded on to one network PC (LAN/WAN) and each compatible CNC machine control. The closed-loop process control system enabled by JobTrak makes it possible for the current activity of all connected machines to be viewed from any location on the network.

Whether there's one, or one hundred cutting machines in operation, JobTrak's ActiveX control module provides you with the ability to interact with the cutting system, **automatically tracking the CNC control and the current work activity, as selected by the operator.** Any period of inactivity at the machine will cause the CNC control to prompt the operator to choose a non-cutting activity.

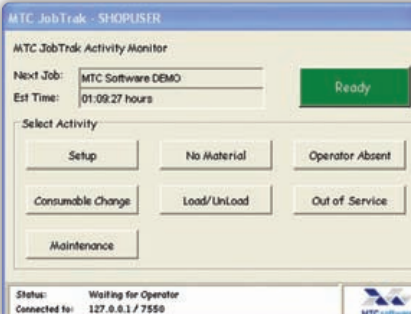
**JobTrak allows you to confidently take decisive and immediate action in times of urgent need;** such as a rush job or machine breakdown. Summary production activity data can be viewed at any time, or at any level of the system (building, cell group, cell and cutting machine). A graphical chart displays the percentages of time spent cutting, setting up, waiting for an operator, waiting for material, making a consumable change, maintenance, and more. In addition, JobTrak provides flexible reporting capabilities with both standard and customizable reports which are ideal for use in management meetings, saving you valuable preparation time. JobTrak truly is **Power Made Simple!**



Machine	Status	Cur...	Site	Cell Group	Cell
Machine 10	Green Time	7793-6	East Building	Waterjets	Cell 5
Machine 11	Green Time	2514-3	North Building	Plasma	Cell 6
Machine 12	Consumable Change	1148-1	North Building	Plasma	Cell 6
Machine 13	Setup	8920-2	North Building	Plasma	Cell 7
Machine 14	Green Time	2509-3	North Building	Plasma	Cell 7
Machine 3	Setup	2323-3	East Building	Gas and Plasma	Cell 2
Machine 4	Tip Up	3434-3	East Building	Gas and Plasma	Cell 2
Machine 5	Tip Up	4545-2	East Building	Gas and Plasma	Cell 3
Machine 6	Maintenance	5656-2	East Building	Gas and Plasma	Cell 3
Machine 7	Green Time	6767-1	East Building	Lasers	Cell 4
Machine 8	Green Time	3690-1	East Building	Lasers	Cell 4
Machine 9	Green Time	2184-1	East Building	Waterjets	Cell 5
MTC Emulator	Load / Unload		East Building	Gas and Plasma	Cell 1



Name	Machine	Act Time	Site	Cell Group	Cell
3434-3	Machine 4	0:01	East Building	Gas and Plasma	Cell 2
2323-4	Machine 3	0:00	East Building	Gas and Plasma	Cell 2
5656-2	Machine 6	0:01	East Building	Gas and Plasma	Cell 3
4545-2	Machine 5	0:01	East Building	Gas and Plasma	Cell 3
6767-1	Machine 7	0:04	East Building	Lasers	Cell 4
3690-1	Machine 8	0:04	East Building	Lasers	Cell 4
2184-1	Machine 9	0:03	East Building	Waterjets	Cell 5
7793-6	Machine 10	0:02	East Building	Waterjets	Cell 5
1148-1	Machine 12	0:04	North Building	Plasma	Cell 6
2514-3	Machine 11	0:02	North Building	Plasma	Cell 6
8920-2	Machine 13	0:02	North Building	Plasma	Cell 7
2509-3	Machine 14	0:01	North Building	Plasma	Cell 7



MTC JobTrak Activity Monitor

Next Job: MTC Software DEMO Ready

Est Time: 01:09:27 hours

Select Activity

Setup    No Material    Operator Absent

Consumable Change    Load/UnLoad    Out of Service

Maintenance

Status: Waiting for Operator  
Connected to: 127.0.0.1 / 7550

# JobTrak™

## MACHINE MONITORING AND MANAGEMENT SOFTWARE

### System Integration

JobTrak is **designed to interface with other MTC and third-party software products.** JobTrak utilizes ODBC (Object Database Connectivity) architecture to ensure maximum flexibility in database platform compatibility and inter-system connectivity.

For those cutting machines that do not provide a method of direct data collection via the CNC control, an industrial PC may be mounted directly to, or close by, the cutting machine control.

In addition to standard JobTrak installation, **MTC Software offers custom installations based on specific manufacturing requirements.** If advanced production scheduling, delivery management, workload management, DNC services, message delivery, or inter-system integration are required please contact your local MTC Software office to discuss a solution configured to your needs. Typical solutions include:

#### Scheduling and Workload Management

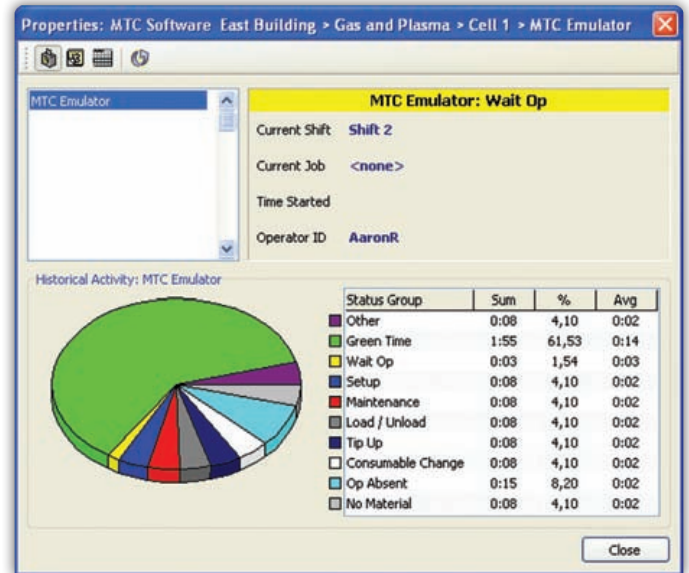
Allows jobs to be assigned to specific cells. Workloads can be viewed in hours, number of jobs, or tons for each site, building or cell group. Drag-and-drop workload re-assignments allow for dynamic reaction to changing shop situations. Jobs can be automatically scheduled based on JobTrak's intelligence that considers workload, status, and cutting capabilities.

#### Delivery Management

Provides comprehensive control of the process of preparing and delivering raw material (plate/sheet) from inventory to a cell. User-specified preparation and delivery time setup ensures a smooth flow of material to the work cells. Messages and/or reports are sent out automatically when a stack (group of jobs) needs to be prepared or delivered. The delivery system can work with or without confirmation.

#### DNC Communications Services

Provide cutting-machine-specific DNC communications services to download the CNC program required for a nest via serial communications. The degree of automation of this process is dependent on the capabilities of the cutting machine control.



#### Nesting System Interface

Allows the integration of your current nesting system with JobTrak. At regular time intervals, the system looks for new jobs to add to the JobTrak system. Once in the JobTrak system, the jobs become available for scheduling at a cell.

### Our Commitment

MTC Software provides your business with the industry's best software solutions and product support. JobTrak, like all MTC Software products, is engineered to help you get the most from your machine investment. By investing in MTC Software, as thousands of other companies have over the past 25 years, you can feel comfortable that you're partnered with a company that measures its success by ensuring yours.



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