

Mazak MTConnect Adapters Available By Product

CNC Model	CNC O/S	CNC Main s/w ver	Release Date	MTC Ver	Machine Model
FUSION 640T NEXUS	Win95	B8G	6/15/10	v1.0	Quick Turn
FUSION 640T NEXUS	Win2000	A8G	6/15/10	v1.1	Quick Turn
FUSION 640M NEXUS	Win95	ABD	6/9/10	v1.0	M/C
FUSION 640M NEXUS	Win2000	A9D	6/9/10	v1.1	M/C
FUSION 640T/MT/TE	Win95	DDG	6/15/10	v1.0	Integrex
FUSION 640T/MT/TE	Win2000	A8G	6/15/10	v1.1	Integrex
FUSION 640M/M-5X	Win95	CGG/ACG	6/9/10	v1.0	M/C
FUSION 640M/M-5X	Win2000	AAG/A9G	6/9/10	v1.1	M/C
FUSION 640MTPro	Win2000	ABD	8/19/10	v1.1	INTE MK3
FUSION 640MPro	Win95	ABP	7/23/12	v1.0	Integrex e-series
FUSION 640MPro	Win2000	A5P	7/23/12	v1.1	Integrex e-series
MATRIX (e-series/ramtec)	WinXP	D1 / E0	4/2/10	v1.1	e-series,Ramtec
MATRIX	WinXP	C4B	8/27/10	v1.1	INTEGREX-IV
MATRIX	WinXP	D4	1/7/11	V1.1	Versatech
MATRIX	WinXP	C3	1/5/11	V1.1	CTT,HQR,MP-II
MATRIX	WinXP	D3	8/20/10	v1.1	VRX, VRX-IIVRX-T,SVC
MATRIX	WinXP	D3	1/5/11	V1.1	VTC
MATRIX NEXUS	WinXP	D4	11/5/10	v1.1	VCN, HCN, FJV mk2
MATRIX NEXUS	WinXP	D4	11/30/10	v1.1	QTN-II, MTM, STN, CT
Matrix	WinXP	C9	4/1/2011	V1.1	Integrex i150-series
Matrix	WinXP	D1	5/1/2011	V1.1	Integrex i200-series
Matrix	WinXP	D2	4/25/2011	V1.1	Integrex j-series
MATRIX II	Win7	n/a	1/1/12	v1.1	e-series / RAMTEC, i-630V
MATRIX II	Win7	n/a	1/1/12	V1.1	Versatech
MATRIX II	Win7	n/a	1/1/12	V1.1	CTT
MATRIX II	Win7	n/a	1/1/12	V1.1	Multiplex
MATRIX II	Win7	n/a	1/1/12	v1.1	VRX i-Series, VRX, VRX-IIVRX-T
MATRIX II	Win7	n/a	1/1/12	v1.1	VTC-800
MATRIX II	Win7	n/a	1/1/12	V1.1	HyperQuadrex
MATRIX II	Win7	n/a	1/1/12	v1.1	HCN, VCN5x
MATRIX II	Win7	n/a	1/1/12	v1.1	QTN, QTN II LBB,STN, MTN
MATRIX II	Win7	n/a	1/1/12	v1.1	Integrex i-series, j-series
MATRIX II	Win7	n/a	1/1/12	v1.1	SVC
SMART CNC	N/A	A7 / A8	1/20/13	V1.1	QTS / VCS
PMC-WEB	N/A	TBD	TBD	TBD	PMC-WEB

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Mazak Supports the MTConnect standard in it’s products.



SUPPORT

<http://www.mtconnect.org>

<http://www.mazakusa.com/mtconnectsupport.aspx>

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DISCOVER MORE WITH
Mazak

The Complete Communications Standard for Your Entire Factory

What is MTConnect?

A royalty free open standard for communication with all types of factory equipment over an Ethernet network.

What are the benefits of using MTConnect?

- * Calculate Overall Equipment Efficiency (OEE)
- * Monitor all your Factory Equipment With One System
- * Reduce production Losses
- * Targeted Improvements

What do I need to make my Mazak machines MTConnect Compliant?

- * 1) Upgrade existing machines to latest Main software (Machine Prep).
 - 2) Purchase machine specific MTConnect ADAPTER from Mazak.
 - 3) Purchase 3rd party monitoring software or develop your own solution.
- * New machines ship from the factory “MTConnect Prepped”.

What Mazak Machines are / can be Equipped with MTConnect?

All Matrix based machine models and SMART for QTS.
All Fusion based machine models.
Legacy equipment can be connected using third party solutions.

What kind of information can I get from my machines using MTConnect?

Power on/off, Spindle Speed, Axis position, Axis Speed, Feed, Block number
Status, CNC mode, work number, Alarm, Spindle load, Axis load, Spindle Override
Axis Override, Tool number, Tool Suffix, Tool Group number, Spindle temperature
Parts count, Rapid override, Sub pro work number, Program comment,
Sub pro comment, Auto operation time, cutting time, Total time, Sequence number,
Unit number (MAZATROL)

What does Mazak offer to help customers implement MTConnect in their shops?

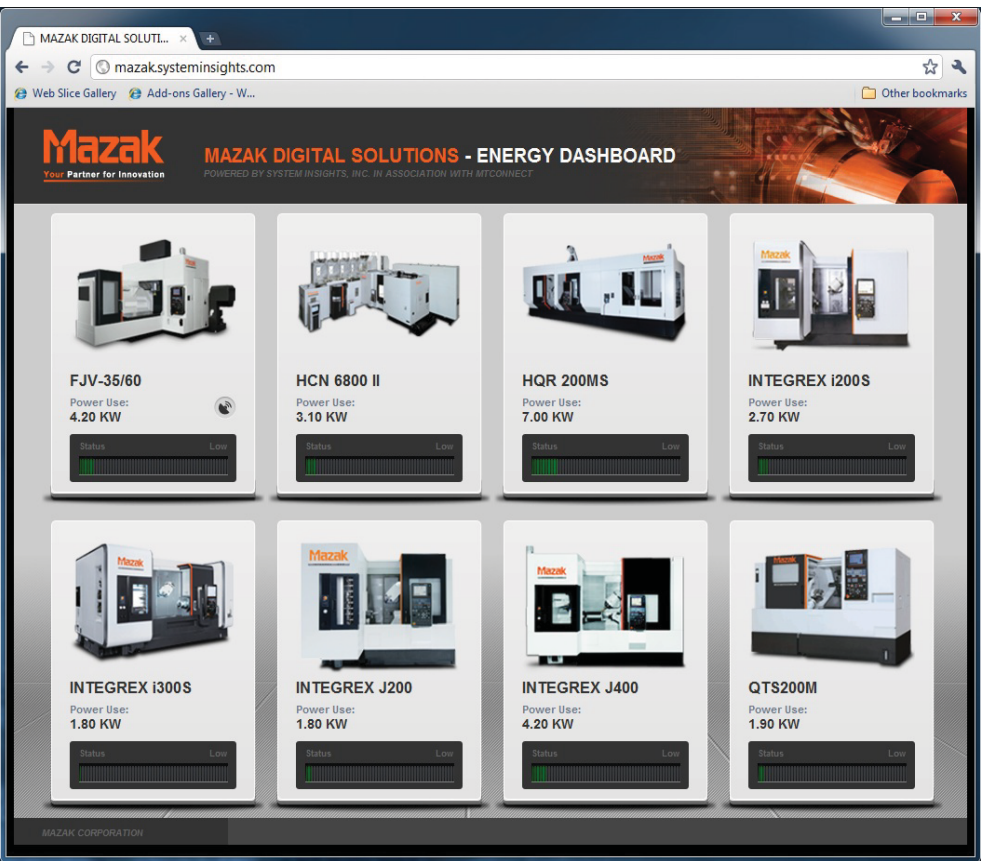
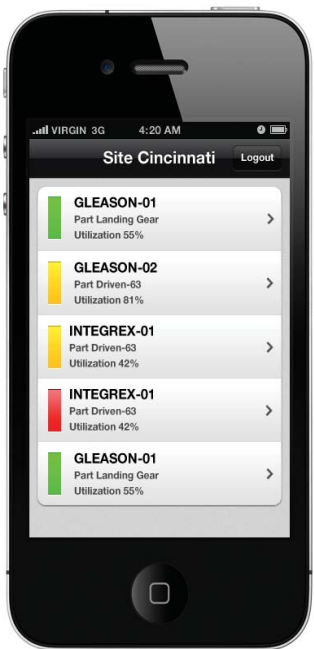
Mazak will assist you with your PILOT project by reviewing your Mazak equipment list and identifying the required steps to reach connectivity and your objective.
Please visit the Mazak MTConnect support page for self help information or contact us directly via phone or email.

Phone - 1 859-342-1881
Email - MTConnect@mazakcorp.com

<http://www.mazakusa.com/mtconnectsupport.aspx>

Sample 3rd Party Application Features

- * Email and Text Notices when things go wrong
- * Smart Phone, DeskTop, and web based solutions readily available
- * Energy Management



What the System Looks Like

