

Mazak MTConnect Adapters Available By Product

Mazak USA Part #	CNC Model	CNC O/S	CNC Main s/w ver	Release Date	MTC Ver	Machine Model
CCWMPD0720E	640T NEXUS	Win95	BND365W004B8G	6/15/10	v1.2	Quick Turn
	640M NEXUS	Win95	BND360W004ABD	6/9/10	v1.2	M/C
	640T/MT/TE	Win95	BND365W000DDG	6/15/10	v1.2	QT, Integrex, MPX
	640M/M-5X	Win95	BND360W000CGG / BND378W000ACG	6/9/10	v1.2	M/C
	640MPro	Win95	BND398W000ABP	7/23/12	v1.2	Integrex e-series
CCWMPD0730E	640T NEXUS	Win2k	BND36_W006A8G	6/15/10	v1.2	Quick Turn
	640M NEXUS	Win2k	BND360W006A9D	6/9/10	v1.2	M/C
	640T/MT/TE	Win2k	BND36_W002A8G	6/15/10	v1.2	Integrex, MPX
	640M/M-5X	Win2k	BND360W002AAG / BND378W002A9G	6/9/10	v1.2	M/C
	640MTPro	Win2k	BND399W000ABD	8/19/10	v1.2	INTE MK3
	640MPro	Win2k	BND398W002A5P	7/23/12	v1.2	Integrex e-series
CCWMPD0690E	MATRIX	WinXP	E0	9/25/16	v1.2	e-series,Ramtec
	MATRIX	WinXP	C4B	9/25/16	v1.2	INTEGREX-IV
	MATRIX	WinXP	D4	9/25/16	V1.2	Versatech
	MATRIX	WinXP	C3	9/25/16	V1.2	CTT,HQR,MP-II
	MATRIX	WinXP	D3	9/25/16	v1.2	VRX, VRX-IIVRX-T,SVC
	MATRIX	WinXP	D3	9/25/16	V1.2	VTC
	MATRIX NEXUS	WinXP	D4	9/25/16	v1.2	VCN, HCN, FJV mk2
	MATRIX NEXUS	WinXP	D4	9/25/16	v1.2	QTN-II, MTM, STN, CT
	Matrix	WinXP	C9	9/25/16	V1.2	Integrex i150-series
	Matrix	WinXP	D1	9/25/16	V1.2	Integrex i200-series
	Matrix	WinXP	D2	9/25/16	V1.2	Integrex j-series
CCWMPD0700E	MATRIX II	Win7	n/a	9/25/16	v1.2	All Machine Models
*CCWMPD0580E	SMART CNC	n/a	A7 / A8	1/20/13	V1.2	QTS, QTU / VCS,VCU, HCU
CCWMPD0600E	Smooth X/G CNC	WIN8	n/a	9/30/2015	V1.3	All Machine Models
CCWMPD0640E	Mitsubishi M700	n/a	n/a	9/30/2015	V1.1	Orbitec, Specials
CCWMPD0740E	Smooth C CNC	n/a	n/a	4/6/2017	V1.3	All Machine Models

\* SMART Adapters support up to four(4) SMART CNCs and require customer provided PC.

SUPPORT

<http://www.mazakusa.com>      <http://www.mtconnect.org>  
<http://www.mtcup.org>

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Mazak Supports the MTConnect standard in it’s products.



# 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.
- 4) Network your machines.

## What Mazak Machines are / can be Equipped with MTConnect?

All Smooth (X, G, C), Matrix(1, 2) , and SMART based controllers.  
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). (Machine models and controls differ)

## 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

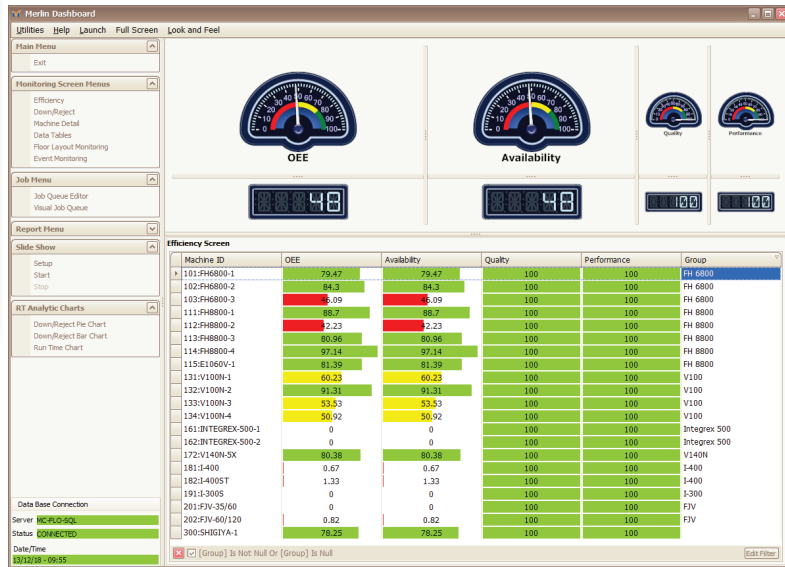
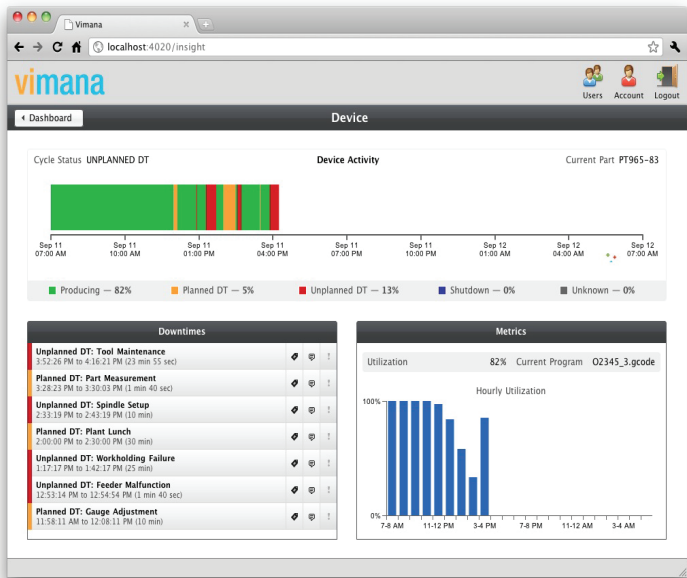
Email - [MTConnect@mazakcorp.com](mailto:MTConnect@mazakcorp.com)

<http://www.mazakusa.com>



## 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

