

# CNC STANDARD MANAGER SUITE

## PRODUCT OVERVIEW



Mitsubishi Electric Automation's CNC Standard Manager Suite streamlines manufacturing operations by allowing capable end users and third-party software developers to remotely read, write, and manage tool offsets, common variables, tool life settings, and NC (Numerical Control) file management on mills and lathes equipped with standard M7 (M700/M70) and M8 (M800/M80) Series controls.

The CNC Standard Manager Suite limited API integrates seamlessly with third party applications and Mitsubishi Electric M7 and M8 Series NCs, eliminating the need for manual updates at individual machines. Customers have the ability to purchase the entire portfolio of products (CNC STD MNGR SUITE), or individual modules to meet their requirements. The result; reduced on-site workload, superior part quality, and improved operational productivity.

Industries that commonly use Mitsubishi Electric's M7 and M8 series NC controls include:

- Aerospace
  - Medical Devices
  - Automotive
  - Electronics
  - Tool & Die

- Remote access to CNC controls
  - Create custom applications
  - Integration with third party applications

## List of Modules:

## Offset Manager

- Functions to control tool and work offsets

## Variable Manager

- Functions to control common variables

## Tool Life Manager

- Functions to control NC tool life data and status

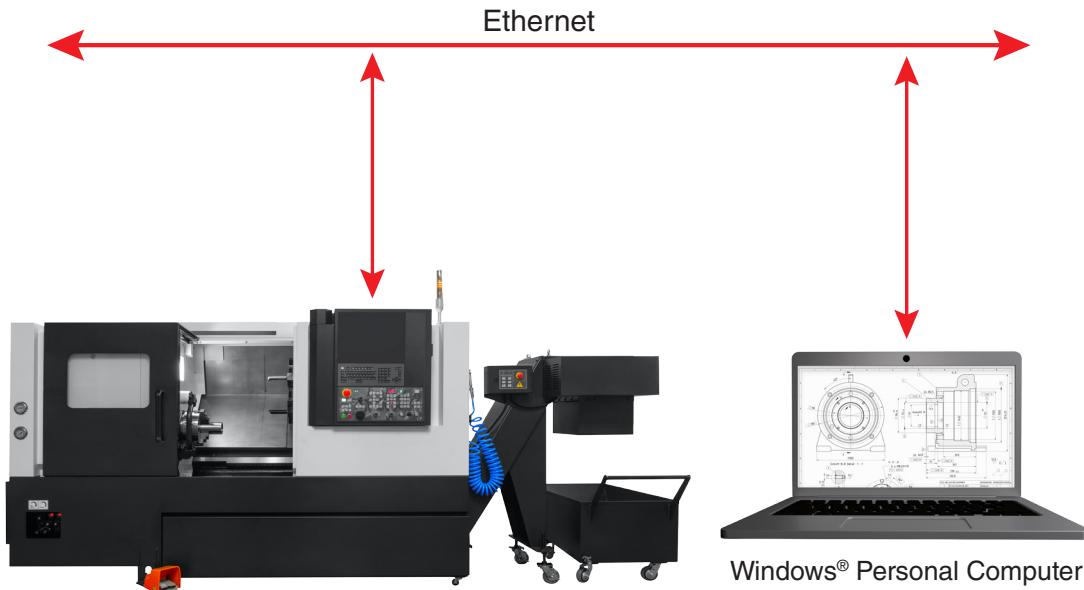
## File Manager

- Functions to control NC file management

# Automating the World

## How it Works

The CNC Standard Manager Suite provides end-users and third-party developers with a streamlined API that enables the creation of custom applications capable of accessing tool and work offsets, common variables, tool life data, and NC files. Once installed on a PC, users can either develop their own applications or integrate third-party solutions that leverage this API. Connecting to the NC control is simple via an Ethernet line and the designated communication port. After assigning the machine ID and IP address, communication between the PC and the NC is established, allowing users to seamlessly read and write data to the control.



## System and Installation Requirements

The following system components are required to enable CNC Standard Manager Suite functionality:

- Windows® 10 (or later) personal computer
- Free Storage: 250 MB (\*1)
- External Dependencies: NET Framework 4.82 (\*2)
- Mitsubishi Electric M70/M700 or M80/M800 Numerical Control
- Ethernet connection

\*1: This value could be higher or lower based on how the logging severity is set.

\*2: This framework will be installed by the installer if necessary. If this does get installed, an additional 4.5GB of storage space will be required.

## Getting Started

The CNC Standard Manager Suite can be ordered by contacting your local sales representative and referencing the following model numbers:

Model Number	Description
<b>CNC STD MNGR SUITE</b>	CNC Manager Suite Software M70/M700/M80/M800
<b>CNC VARIABLE MNGR</b>	CNC Variable Manager M70/M700/M80/M800
<b>CNC OFFSET MANAGER</b>	CNC Offset Manager M70/M700/M80/M800
<b>CNC TOOL LIFE MNGR</b>	CNC Tool Life Manager M70/M700/M80/M800
<b>CNC FILE MANAGER</b>	CNC File Manager M70/M700/M80/M800

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