CNC CITIZEN MANAGER SUITE
PRODUCT OVERVIEW

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

Mitsubishi Electric Automation's CNC Citizen Manager Suite optimizes Swiss lathe operations by enabling qualified end users and third-party developers to remotely access, modify, and manage tool offsets, common variables, and tool life settings on Citizen Swill lathes equipped with M7 Series controls.

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

Citizen Swiss lathes that utilize Mitsubishi Electric's M7 Series NC control include, but are not limited to:

- L12 Series
- L20 Series
- L32 Series
- M Series
- K16E
- A Series

List of Modules:

Offset Manager
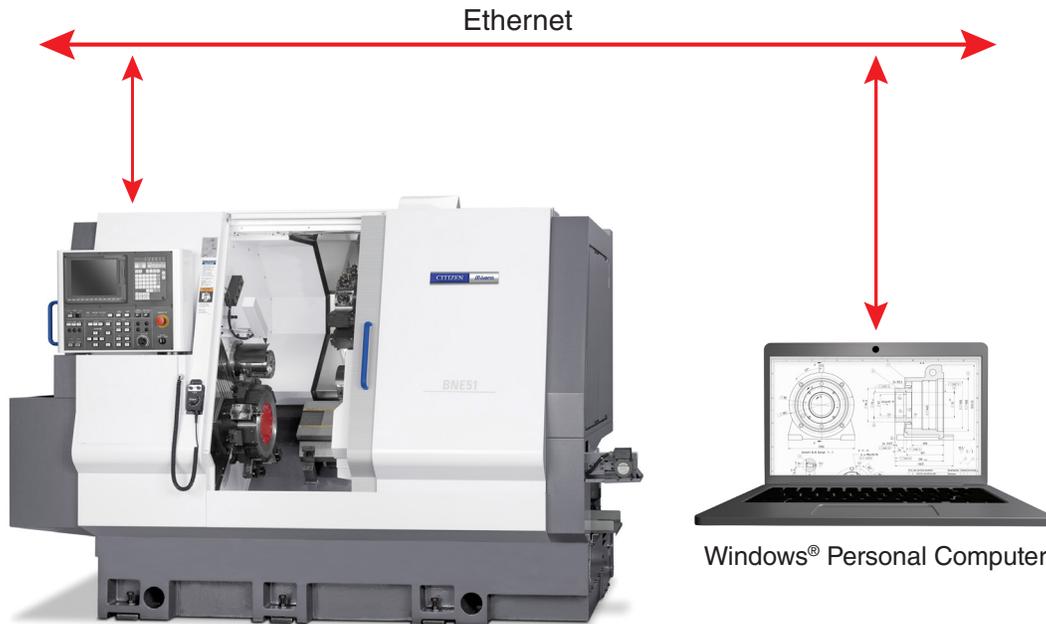- Functions to control tool and work offsets

Variable Manager
- Functions to control common variables

Tool Life Manager
- Functions to control NC tool life data and status

How it Works

The CNC Citizen 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, and tool life data. 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.

Ethernet

Windows® Personal Computer

System and Installation Requirements

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

- Windows® 8.1 or later personal computer (equivalent to release version NT 6.3 or higher)
- Free Storage: 250 MB (*1)
- External Dependencies: NET Framework 4.82 (*2)
- Mitsubishi Electric M70/M700 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 Citizen Manager Suite can be ordered by contacting your local sales representative and referencing the following model numbers:

Model Number	Description
CNC CTZ MNGR SUITE	CNC Citizen Manager Suite Software M70/M700 (includes Offset, Variable and Tool Life)
CNC CTZN VRBL MNGR	CNC Citizen Variable Manager Software M70/M700
CNC CTZN OFF MNGR	CNC Citizen Offset Manager Software M70/M700
CNC CTZ TOOL LIFE	CNC Citizen Tool Life Manager Software M70/M700