



for a greener tomorrow

FACTORY AUTOMATION

MITSUBISHI CNC

Operation monitoring application NC Visualizer



To check the operating status of a machine tool in a remote place...

NC Visualizer helps you to monitor the operating status at a glance!



Graphically displays the status of each machine tool.

The screen layout automatically fits to the size of the display of PC or tablet PC.

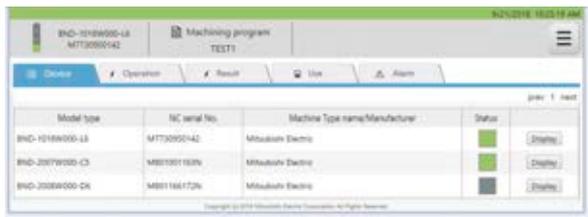


NC Visualizer collects the operating status of the LAN-connected NC machine tool.

Install NC Visualizer to your server PC to build the "Operation monitoring system".
NC Visualizer displays the machine tool's status such as "operating", "stopped", "alarm", and "power OFF" in a list, which helps operators to improve the productivity or to analyze the cause of alarms.
In addition, the operators can monitor the operating status with an external PC/tablet PC via a Web browser.

Introduction of main functions

● Device screen



The operating status of multiple machines can be monitored on a single screen.

● Operation screen

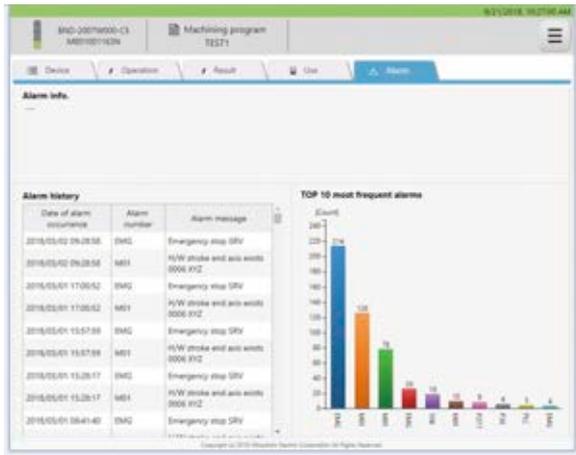


The operation rate and operating information of each machine are displayed. Visualization of analysis improves production process.

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Introduction of main functions

●Alarm screen



The currently occurring alarm of each machine is monitored on the screen in real-time. Alarm history can also be displayed, so operators can analyze the cause of the alarm.

●Use screen

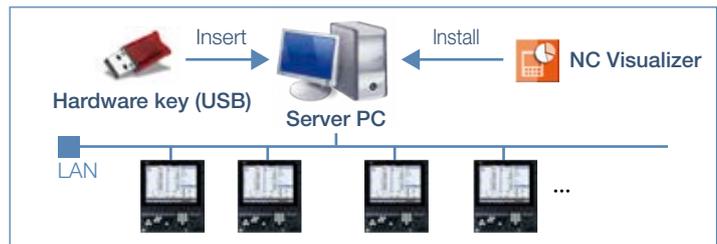


Load information, power consumption, and spindle unit temperature of each machine are displayed in a graph. They are useful for analyzing machining quality improvement and running cost reduction.

License type

The hardware key needs to be inserted to a USB port of your PC to display the information of the NC machine tools on the screen of NC Visualizer.

There are three types of licence, the available number of the NC machine tools to be displayed simultaneously is 5, 10, or 30.



Operating Environment

●Operating environment of the server

Item	Details
OS	Windows7 SP1/8.1/10 (32-bit/64-bit)
Java execution environment	Java Runtime Environment 8 (JRE8)
Web server	Apache Tomcat 8.0
Database	PostgreSQL 10
CPU	Intel Core i3 dual core 3.0 GHz or faster
HD	For installation: 4 GB or more * Some capacity for database and log data is also needed, its size depends on the number of NC units to be connected. The capacity of 16 GB or more is recommended for the installation.
Memory	4 GB or more

●Operating environment of the dashboard

Item	Details
Browser	Microsoft Edge (Version: 38.14393.2068.0) Internet Explorer11 (Version: 11.2189.1439.0) Google Chrome (Version: 65.0.3325.181) Safari
Supported languages	Japanese, English, Chinese (simplified)

●CNCs supported

- M800W/M800S/M80/M80W/E80 Series
- M700VW/M700VS/M70V/M700/M70/E70 Series

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