## Ethernet Machine Control

Machine Control is a fundamental – and critical – component of any automation system. Whether acquiring, processing or playing media, there's a piece of hardware somewhere carrying out that task. NVerzion's EMC-NT solution enables the control of all system elements via a network-based protocol that simply links the operator to his workflow.

EMC-NT allows for the control of any device such as file servers, character generators, routers, and more by constantly awaiting machine control requests from other applications across the Ethernet connection. These requests are then executed using a dedicated serial or Ethernet connection from EMC-NT to the appropriate device.

EMC-NT can also be configured to perform delegation, meaning a certain station or application can be given priority, guaranteeing its commands are always executed first. This feature is especially useful in applications where a certain piece of equipment is being utilized for multiple functional areas.

EMC for Routers

NVerzion separates router control from machine control capabilities to add more flexibility and convenience. EMC-Router manages all network-based router interfaces using a switch protocol that allows all applications to share a single interface. The EMC-Router GUI is designed to be used by NVerzion and customer engineering staff to check the status of the application, when needed, and requires little, if any, interaction with the end-user.
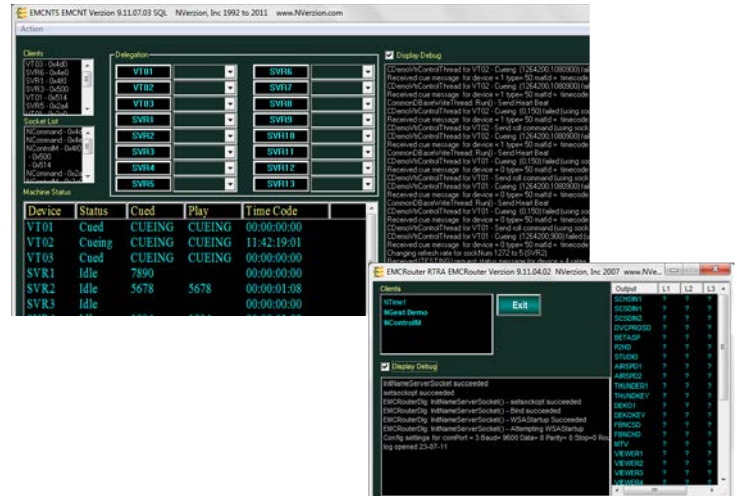
Benefits:

- Provides fail-safe environment
- More efficient operation with network-based control
- Supports and interfaces with legacy machine control systems
- Allows individual control or delegated control by the overall automation system

Features:

- Controls multiple machines along a distributive network
- Allows multiple applications to utilize any machine in the network
- Each EMC-NT can control up to 16 devices
- Loop-through capability available for use with master control interfaces