

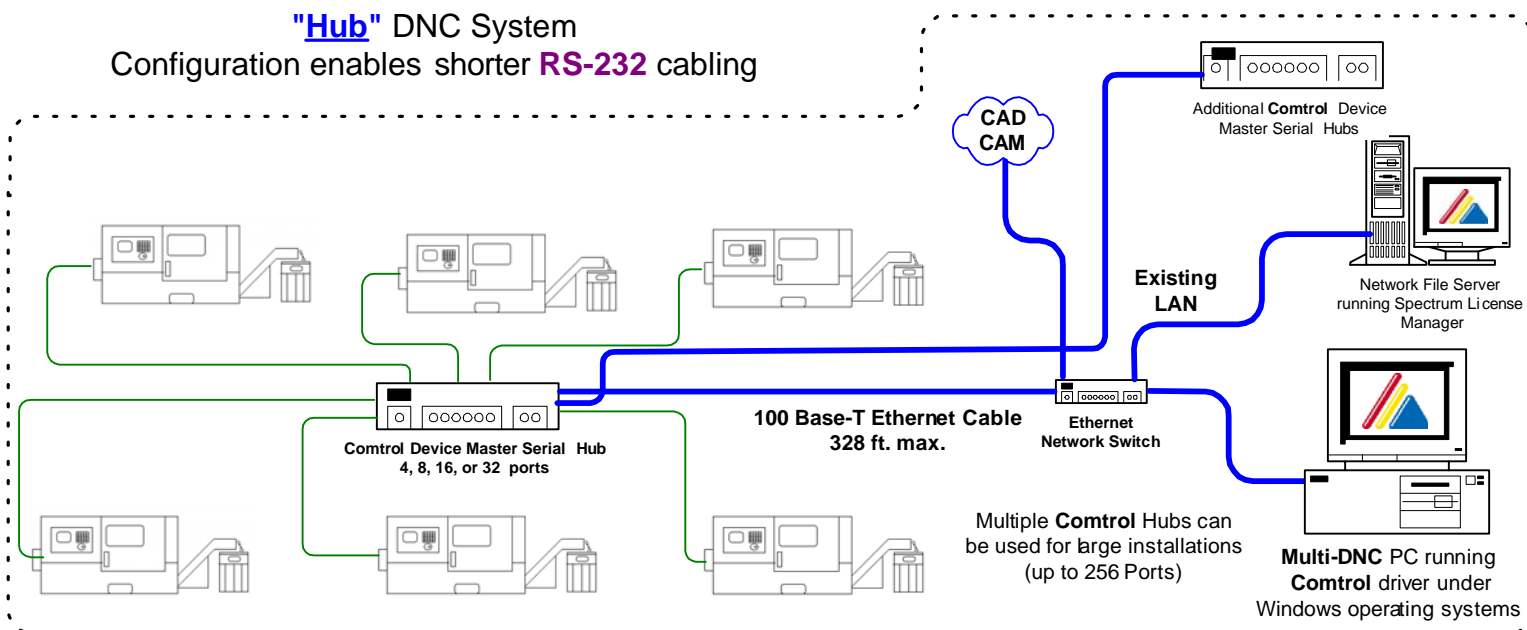
# Multi-DNC System using Control Device Master Serial Hubs

The Control Device Master Serial Hub hardware is available in 4, 8, 16, or 32 port configurations. Each Device Master Serial hub is an Ethernet device using LAN protocols connected by 100Base-T cabling to the Network switch. The Control software driver is installed on the **Multi-DNC** computer running any of these Windows operating systems: 7 (32 bit and 64 Bit) XP, Server 2008 or 2003.

The Device Master Serial hubs have surge protected RS-232 ports with either DB-9 connectors (4, 8 and 16 port hubs) or RJ-45 connectors (32 port hubs). Up to (8) Control Device Master hubs can be used with **Multi-DNC**, supporting up to 256 simultaneous serial connections.

## "Hub" DNC System

Configuration enables shorter **RS-232** cabling



Why use the Control Device Master Serial Hub hardware for your **Multi-DNC** system ?

1. You want to use existing shop floor Ethernet networks for the DNC system.
2. You want to site the DNC workstation a long distance from the manufacturing shop floor.
3. You want to use the shortest RS-232 cabling possible because it is more reliable.
4. The layout of your manufacturing areas lends itself to multiple Ethernet to RS-232 hubs.

"Hub" DNC System Configuration with **328 ft.** Maximum Cabling distance from the Control Device Master Hub to a network switch.

**250 ft.** Maximum **RS-232** Cabling distance from the hub to CNC controls.