Spectrum CNC Technologies

Job BASE

More CNC's

CNC Lathe

RocketPort Distribution Box
or
RocketPort Serial Hub

Multi-DNC system
with **Job BASE** on the
same PC

Job BASE on additional
PC's on the shop floor
with other software apps.

LAN Hub

Computer hosting
SQL Server2000
or MSDE 2000
Database

Company File Server
for CAD and CAM
documents

The Manufacturing Shop Floor

CNC Mill

Job BASE on PC in Engineering area

my CAM

CAM System(s) in the Engineering area

my CAD

CAD System(s) in the Engineering area

In a typical **Job BASE** installation, there are at least two **Job BASE** workstations, one in the Engineering area to create the Jobs, and the other on the manufacturing shop flo or so that CNC Operators and other shop workers who need the Job information can lo ok at in their work areas.

Many users can access **Job BASE** simultaneously, as they are all working off a common SQL database and all connected together on the company LAN. Multiple **Job BASE** workstations can be used and they should be located where the y make the most sense.

Example: XYZ Engineering has 8 CNC Machine Tools on their shop floor and several shop floor PC's already installed on the company LAN that run SPC and Shop Floor Data Collection applications. **Multi-DNC** is installed on two of the PC's, one to connect the 6 CNC Machines that are close together, and another **Multi-DNC** system for those two machines way back in the corner of the building. **Job BASE** and the SQL database were installed on an extra PC in Engineering, then **Job BASE** was also put on three PC's in the shop floor so the Jobs could be accessed by at least three CNC operators or shop workers at once. Productivity increased because the constant changes and revisions were communicated f aster and more completely.

**Other Computers connected
to the company LAN**

Spectrum CNC Technologies   **(951)549-0755**   **www.multi-dnc.com**   Job BASE Diagram .vsd   **5/12/05**