webDNC^{TM}

The Difference

webDNC takes care of the details.

- Program ID Management
- Tool List Generation
- Tool Offset File Generation
- Program Revision Control
- Job Tracking
- Machine Tool Data Collection
- Alarm Monitoring
- Part Router Linking
- Automated Information Logging
- Information Distribution VIA the WEB
- Wireless LAN/DNC Support

RealVision, Inc.
USA / North America

P.O. Box 187,

Eagle, ID 83616

phone 208 939 2428

fax 208 939 2733

sales@realmfg.com

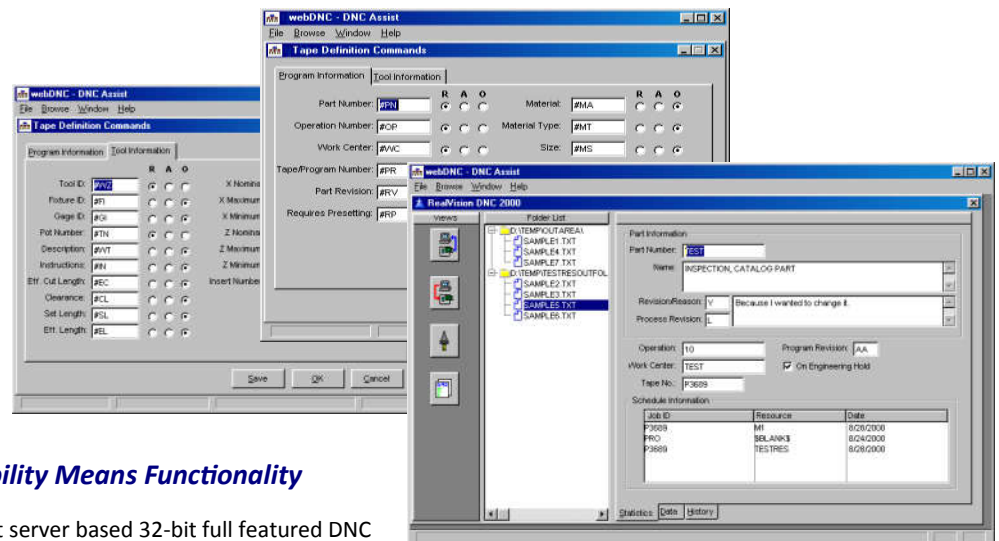*The Shop Floor Productivity Experts*

RealVision Manufacturing Solutions, Inc.

WebDNC

Managing the Details is what differentiates us from others!

Quality is in the details—producing quality parts and delivering them on time is the top priority for manufacturers. WebDNC^{TM} can assist in accomplishing just that as it is so much more than a serial communication software. It is designed to work in conjunction with any leading DNC communication package and control the details.

WebDNC handles the following:

Program ID Management, Tool List Generation , Tool Offset File Generation, Program Revision Control, Job Tracking, Machine Tool Data Collection, Alarm Monitoring, Part Router Linking, Automated Information Logging, Information Distribution via the web, Wireless LAN/DNC Support

Flexibility Means Functionality

A client server based 32-bit full featured DNC communication system, which includes, program control, machine monitoring, tool management and a work instruction distribution system. WebDNC takes all the work out of controlling and managing your DNC files by linking revision, tooling, work instruction and machine monitoring information in your choice of database, SQL, Oracle or X-based. The system gives your operators, engineers and setup personnel instant access to all the information needed to produce quality parts efficiently.

WebDNC consists of five modules:

WebDNC Communication Server — allows connection of up to 1024 CNC machine controls directly to each PC workstation using Windows XP thru 10 Pro 64 bit. Includes Edit/Compare features and background uploading and downloading of CNC and Tool offset programs through remote access at the machine tool.

DNCAssist™—Takes all the work out of controlling and managing your DNC files. Running on 1 PC in the network, DNCAssit gathers NC file information created in Programmer Assist and feeds the data to your choice of databases that includes ORACLE, SQL and XBase. DNC Assist populates the manufacturing databases with program header information from the new files it finds in the NC in-basket. This information is then logged into the database as new records. automatically

DNCView™—provides instant access to tape definition information such as program revision, part number, tool and gage lists, and machine status. An optional standard Window's based application is provided for companies that do not need the DNC communications capability.

Programmer Assist™

Gives the NC programmer a set of tools to fully utilize all the features **webDNC** offers. Build info and tool headers, build a tool database, select tools, utilize the program number manager monitor machine activity and view NC file stats.

RemoteDNC™

Is a full featured robust LAN based 32 bit DNC server. Supporting up 256 machines per PC while running in the background. RemoteDNC uses an interactive command language that allows personnel to: Request programs, display program list, check tape definition info, display tool list, request tool offset blocks, download individual tool offsets, record part counts and cycle times, send E-mail notes and comments.

ProDoc Upgrade (Optional) Adds an interface which creates an environment where part numbers, routers, and BOM's from your existing databases can be dynamically linked with all documentation required to do the job right the first time! Integrator also provides a powerful set of tools to author the work instructions, setup sheets, tool lists, tool setup sheets, inspection plans and process standards

Shop Floor/IT Needs	WebDNC Solutions
• DNC software to integrate easily with existing shop floor environment	• Use over LAN, WAN, Intranet, Thin Client Net or Cloud based environment
	• Allows use of Ethernet serial servers for simplicity of architecture
• Open database architecture	• Open database architecture enables easy custom reporting
	• Available in FoxPro, Oracle, or MS SQL format
• DNC system that can handle large numbers of NC files	• webDNC can handle a unlimited number of CNC programs and track their usage and revision history
	• User defined monitoring functions for additional power and flexibility
• Supports all machine tool controls	• Supports nearly any machine control incl. PLC stations and terminals and legacy machines.
• Custom Report Writing	• Allows interactive communication from machine tool control
• Tool Lists	• View tool list detail, job schedule and available file list on machine tool control
• Supports data collection and machine tool monitoring	• Request individual tool offset direct from database at machine tool control
• Tool component and accessory management	• Programmers can create and define tools by creating a program header
• Real time tool monitoring	• WebView module allows acc ess to NC files over company intranet.
• NC file control	• NC tape/program tool list manager

WHY REALVISION

With 34 years of experience, RealVision Manufacturing Solutions' unparalleled knowledge of manufacturing and shop floor operations is built into each of its products. Built by engineers and for engineers, these practical solutions easily adapt to any manufacturing environment to provide all the efficiency and flexibility you need to manage your production systems flawlessly and build productivity, reduce scrap, save time, and lower costs.

Contact RealVision today at 1-208-939-2428 to request a free demo—the best way to visualize how RealVision can improve your tool and shop floor productivity and boost your bottom line.