Predator DNC™

Reduce or Eliminate:
- Switch boxes
- Proprietary hardware
- Laptops
- Portable storage devices
- Paper tape
- Unreliable communications
- Adding CNC memory
- MDI
- Walking back and forth between your PC and CNC

Extend Your PC Network by Including:
- Mills
- Lathes
- EDMs
- Lasers
- Waterjets
- Routers
- Grinders
- Punch presses
- CMMs
- Tool presetters
- Gauges
- PCBs

Network
your shop floor and get connected

predator
SOFTWARE INC.

GEARED FOR MANUFACTURING™

Predator DNC™

Network up to 256 CNCs

Have an entire shop floor of CNC machines? Take control of your CNC network. Predator DNC supports up to 256 CNC machines per PC for simultaneous send, receive, and DNC file transfers. Group and organize your CNCs by building or cell.

DNC Explorer™

Frustrated with hard to use software? Predator DNC keeps things simple by letting you work in a familiar operating environment. Based on the Microsoft Office® and Windows® 95 Explorer user interface, DNC Explorer includes standard features such as drag and drop, shortcut menus, cut, copy & paste, object-based menus, toolbars, tool tips and on-line help. You'll feel right at home.

Remote Request™

Tired of walking back and forth between your CNC and your PC? Remote Request allows each operator on the shop floor to send, receive, DNC and get a directory listing of their CNC programs directly from their CNC control.

Network Compatible

Want to store CNC programs on a network server? Predator DNC with Remote Request works as a DNC gateway between your CNCs and your Novell®, Windows NT®, UNIX®, VMS or LANtastic network server.
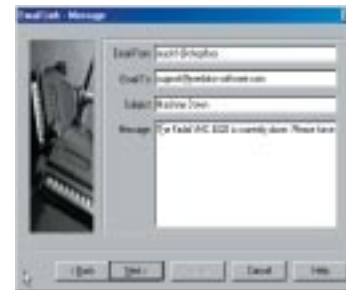
Server Safe™

Concerned about network reliability? Predator DNC includes Server Safe to protect you from lost data in the event of a network crash during DNC transfers. Execute error-free DNC communications over your network with confidence.

Internet E-mail

Need feedback from lights-out operation or improved workflow between departments? Predator DNC lets you automatically e-mail key personnel at the beginning or completion of hot jobs. Using Remote Request, operators can e-mail any department directly from their CNC. You control e-mail use and security, while improving communication efficiencies.
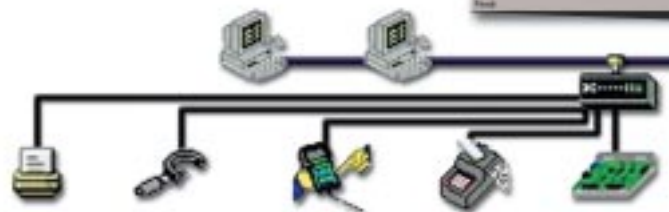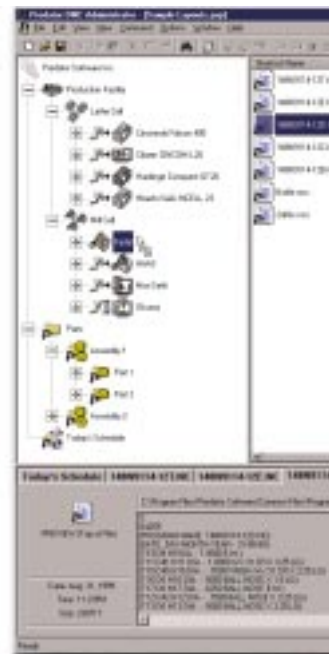
Database Objects

Concerned about shop floor productivity? Optionally, date and time stamp every command, job, or operation using Predator Database Objects for Access, Dbase, Excel, Oracle and SQL Server.

With Predator DNC, connect your PCs to create a shop floor network of shared CNCs, PCs, printers and other network resources.

DNC NETWORKING & COMMUNICATIONS

DNC Clients

Want client PCs to access a Predator DNC server? Predator DNC clients can gain access to your DNC server from anywhere in the world (assuming they have the proper hardware). Set clients to work within your network structure—over the company network or across the Internet. Either way, you control who gains access and what information is available.

Background DNC

Restricted by your existing DOS system? Predator DNC works in the background even while other applications are running. Send, receive and DNC to any RS-232 or RS-422 compatible CNC machine.

Drag & Drop DNC™

Want to keep it simple? Predator DNC simplifies your CNC workflow with enhanced drag and drop operations. Add new CNCs from your CNC library, send or DNC single or multiple CNC programs, import thousands of CNC programs, reorganize your CNC programs, and more, with a single drag and drop routine.

256 Character File Names

Limited to eight character file names? No more. Take advantage of long 256 character file names for your CNC programs. Even use spaces and special characters.

Predator File Manager

Swamped with too many CNC programs? Can't find the latest CNC program? Predator DNC includes a configurable file manager with complete drag and drop support. Organize your jobs by customer, job or CNC. The file manager uses shortcuts or aliases to manage your CNC programs independently of your PC or network file structure.

High-Speed Machining

Experiencing DNC performance bottlenecks? Predator DNC supports up to 256,000 baud for even the most demanding high-speed machining.

DNC Protocols

Need special high-speed error correcting DNC protocols? Predator DNC comes standard with protocols for Bostomatic, Bridgeport Easylink, Excellon, Fagor, Fanuc Protocol A, Expand A, Heidenhain Blockwise, Okuma B, Mazatrol, Xmodem and many others. Or, create your own DNC commands with custom protocols using Predator's unique command wizard.

Custom Applications

Have a custom or unique application? Predator DNC offers several optional SDKs, or software development kits, to enable anyone familiar with Visual Basic, Java or C++ to interface other applications, create custom DNC protocols, or develop specific shop floor solutions. With our unique command wizard you will be able to leverage all of Predator DNC's existing capabilities and only develop what is necessary for your specific requirements.

Predator CNC Editor™

Tired of manually editing CNC code? Change feed rates, spindle speeds, and G & M codes with just a few mouse clicks. Predator Editor supports unlimited file sizes, while editing multiple files at the same time. Quickly make changes with over 50 math and trigonometry functions.

File Compare

Want to compare CNC code changes made on the shop floor? Predator Editor includes integrated side-by-side file compare with synchronized scrolling and line by line edit/change review.

Verify CNC Code

Ever gouge a part, break a tool or crash a CNC machine? Graphically verify CNC code by backplotting any CNC program in a true 3-D environment. Predator DNC supports one to four viewports, eight predefined views, zoom in, zoom out, pan, and fit. Print any view and quickly add graphics to your setup sheets.

On-line Help

Need help and no time to read the manual? Predator DNC includes on-line help with concise and up-to-date documentation.

Service and Support

Who will help set me up and keep me operational? Predator Software products and services are available through a global network of 100 value-added resellers. As part of the Predator family, they can provide the expertise necessary to maximize your productivity with Predator DNC.

System Requirements

Windows® 95/98/2000 and NT
- Intel® Pentium®-based processor or equivalent
- Internet Explorer® 5.x or later
- 64 MB RAM
- 40 MB hard disk space

CONTACT INFORMATION

Local Authorized Sales and Service: