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

NETWORK COMPATIBILITY:

- Windows 7
- Windows 8
- Windows 10
- Windows 2008 Server
- Windows 2012 Server
- Hyper V
- VMware
- Terminal Services
- Windows Services
- Floating Licenses

OPTIONAL HARDWARE:

- Bar Code Readers
- Behind-the-Tape Readers
- Ethernet RS232
- Floppy Drive Emulator
- Portable & Mobile Devices
- RS232 Serial Cables & Adapters
- Serial Ports Add-Ons
- USB Hardware
- Wireless RS232

DNC NETWORKING & COMMUNICATIONS:

Network your shop floor and get connected

NETWORK YOUR CNC MACHINES:

Have an entire shop floor of CNC machines? Take control of your CNC network. Predator DNC supports a variety different controls. They can be grouped and organized by buildings or cells on a single or several PCs. Each CNC can simultaneously send, receive, and drip-feed file transfers.

DNC EXPLORER:

Frustrated with difficult-to-use software? Predator DNC keeps things simple by letting you work in a familiar operating environment. Based on the Microsoft Office and Windows Explorer user interface, DNC Explorer includes standard features such as drag and drop, shortcut menus, cut, copy and 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, drip-feed, and get a directory listing of their CNC programs directly from their CNC control. Works with any CNC control that can edit and punch a file.

NETWORK COMPATIBLE OPERATING SYSTEMS

Want to store CNC programs on a network server? Predator DNC with Remote Request works as a DNC gateway between your CNC and your Novell, Windows, UNIX, VMS, or Lantastic network file-server. Supports Windows 7, 8, 10, Server 2008, Server 2012, and Server 2016.

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 email any department directly from their CNC. You control e-mail use and security while improving communication efficiencies.

TRACEABILITY:

Concerned about shop floor productivity? Optionally date and time stamp every command, job, or operation using Predator Database Object for Access, Excel, Oracle and SQL Server. Know when files are loaded, saved, by adding details to your NC programs.

DNC CLIENTS:

Want PC's on the shop floor for operators? Predator DNC clients have access to your DNC server from anywhere worldwide. Set clients to work within your network structure over the company network or the Internet.

BACKGROUND DNC:

Restricted by your old DNC system? Predator DNC works in the background even while other applications are running. Send, receive and DNC to any RS232 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 programs from your CNC library, send or drip-feed single or multiple CNC programs, import thousands of programs, reorganize your programs, and more, with a single drag and drop routine.

NETWORK BASED CNC'S:

While many machine tools have Ethernet, you can manage how files are transferred. With SecureDNC, we can connect CNCs without opening up firewalls. Window Shares, while still connecting legacy operating systems to your network.

PREDATOR FILE MANAGER:

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

HIGH-SPEED MACHINING:

Experiencing drip-feeding 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.

CONNECTIVITY:

Regardless of the brand or age of the CNC, we can connect your equipment via RS232 serial ports, Ethernet and wireless. Leverage network drops to every machine and use Predator to deliver the right file every time.

PREDATOR CNC EDITOR:

Tired of manually editing CNC code? Change feed rates, spindle speeds, G & M codes with just a few mouse clicks. Predator Editor supports unlimited file sizes while editing multiple files at the same time. A copy is included with every DNC seat.

CNC COMPATIBILITY:

- Allen Bradley
- Anilam
- Bridgeport
- Bosch
- Bostomatic
- Centurion
- Centroid
- Cincinnati Milicron
- Deckel
- Dynapath
- Fadal
- Fagor
- Fanuc
- Fidia
- General Electric
- Giddings & Lewis
- Haas
- Heidenhain
- Hurco
- Kerney & Trecker
- Maho
- Mazak
- Mitsubishi
- Mori Seiki
- Moog
- NUM
- Okuma
- Prototrak
- Roland
- Sharnoa
- Siemens
- Hitachi Seiki
- Toshiba
- Vickers
- Yasnac

Shop Floor Automations, Inc.
5360 Jackson Drive, Suite 202
La Mesa, CA 91942-6003

Phone: (619) 461-4000
Toll Free: (877) 611-5825
Fax: (619) 461-5918

Web: www.ShopFloorAutomations.com
Email: sales@ShopFloorAutomations.com

Last Modified: November 13, 2017