

Network-DNC

Network-DNC specials

DNC5000

leanDNC

Crossgrade-DNC

DNC-In-The-Box® Technology

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10 good reasons for DNC-In-The-Box®

SOME REASONS FOR THE USE OF DNC-IN-THE-BOX®

There are many good reasons for you to use DNC-In-The-Box in your shop floor



1. Direct access from the keyboard of the control

DNC-In-The-Box can be used with all CNCs that are equipped with a serial interface. Also it allows access to all NC programs via the use of a dummy program. This feature allows the operator to load programs directly from the download directory to his control - without using a terminal or running from the PC to the control and vice versa. New or modified programs are directly saved in the computer's upload directory.

2. Simultaneous load and save from several machines

The FTP software, which multi-tasks automatically, allows multiple transfers simultaneously. All kinds of transfers are supported: simple file transfer as well as drip feed mode or transfers with protocols. All different controls are supported, provided they have a serial interface and are able to send and receive NC programs. Special protocols are supported: Mazatrol, LSV-2, Heidenhain, a.o.

3. DNC-In-The-Box runs with any operating system

DNC-In-The-Box works with all operating systems on the market (Windows, Unix, Linux, AS/400, etc.). Whatever the operating system of your choice is, FTP is supported by every modern operating system.

4. Easy configuration via network

All network- and machine-specific settings are configured via the network:

- a. Local parameters
 - IP address of the box
 - target address of computer
 - Interface parameters, data format, flow control, etc.
- b. Machine specific parameters

- start-/end character of NC program
- header, trailer, etc.

5. Optimum transfer safety and data integrity

RS232 cables can be kept as short as possible (< 1 m/yd.) allowing the control to always transfer data with the highest possible speed. And, data is automatically checked by the TCP/IP transfer protocol on the network. FTP protocol optimizes the network access thereby reducing network load - even when operating in drip feed mode.

6. Controlled access

DNC-In-The-Box provides secure access to only the NC programs that you have specified. Only identical machines or machine groups can access common NC programs.

7. Can be combined with any data management software

For simple data management, you can use either Windows Explorer or the file manager of the operating system of your choice. You can also combine DNC-In-The-Box with the program manager of your CAM system or the Quinx DNC4000® NC program manager. This feature will be interesting even to Original Equipment Manufacturers (OEMs)!

8. Unlimited extensibility

A single computer can control any number of connected CNC machines on your network. The number of machines is limited only by the capability of your server and the Ethernet.

9. The ultimate DNC solution

Computers, operating systems may change over the time - the network, FTP protocol and "the box" will remain constant as long as you'll be using machines with serial interfaces!

10. Return-on-investment realized in a very short time

- * reduction of non-productive downtime for NC program changes
- * centralized and simplified data management
- * automating and simplifying data backup
- * by avoiding machine crashes caused by corrupted data on RS232 lines

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