Release Notes DNC 5000

Date: 27th August 2024

Release	What's new?
6.2.0	As an alternative solution nc files can be sent to the machine with serial interface directly from the DNC5000 Client's nc file overview without sending a runner program to the server. Entire subdirectories can be locked and unlocked. In the search window of the DNC client, locked and duplicate nc files are now displayed in appropriate colour (blue and red). The position and the size of the main window are now stored when the DNC is closed. Upon an interruption of the connections between client and server the nc file in edit mode is automatically reset. There is no need to clean up with ServerAssistant.
6.1.0	The DNC can now differentiate between drafts and released nc files. Dedicated user rights allow the exclusive handling of drafts. For the release of a draft additional rights are needed.
6.0.0	Communication between Client and Server has been updated: .Net Remoting has been replaced by the communications platform WCF (Windows Communication Foundation). One can assign different editors to different machines and/or file types. New functions for machines with NC programmes in subdirectories: Subdirectories can be renamed. Entire subdirectories can be imported and exported. Entire subdirectories can be made available in the machine's LOAD directory.
5.9.0	The DNC5000 server interface has been extended: Addons for analysing and processing the DNC log are now supported. On server and all clients .Net Framework 4.8 with all service packs and updates must be installed.
5.8.0	The DNC log is now also stored in the database (previously only available as a file). As an option there is a web-based analysis tool, which can be ordered.

5.7.0	Automatic deletion of files with pre-setting data. It prevents loading of outdated files with pre-setting or tool data (name ends with 99.99) to a NC control. New user right allows the user to provide NC programs of network machines with request programs in the load directory.
5.6.0	Interface to ERP system: When starting a new job (PDC stamping), the DNC automatically makes the required NC programs available in the loading directory.
5.5.0	New addon for DNC 5000 server, which accepts a file request from outside the DNC 5000. At a machine with an Ethernet interface a request can be initiated by scanning the name of nc file name. The requested file or folder is at the operator's disposal in the load directory. There is no other file than these in the load directory.
5.4.0	The FTP server now supports the passive mode for data connections.
5.3.0	- DNC 5000 client is now available in German, English, Italian and French. - An archived nc-file can be compared with the actual nc-file with WinMerge or any other comparison editor. - Archived nc-files can be exported. - A sub-folder can be copied or deleted. - Extended search-function: NC-files can be searched with one to five different criteria - Security feature: Locked nc-files can only be printed and unlocked, nothing else. - Significantly better performance for deleting, locking and unlocking a bunch of nc-files.
5.2.0	- File sharing interface between ERP and DNC 5000. DNC 5000 locks nc-files upon request from ERP. - Binary nc-files can be locked and unlocked.
5.1.0	Configuration: Special nc-files ending with 99.99 (e.g. for tool data), are locked automatically after being loaded.
5.0.0	.NET 4.0 - Function „NEW": New nc-files which are made on the nc-control or imported can be locked. They can be used after the approval of the person with these rights on the DNC 5000 client.
4.3.0	Empty folders can be deleted automatically.

4.2.0	• Two archived nc-files can be compared in WinMerge or any other comparison editor.
4.1.0	• Sub folders for machines which can handle such ones. A complete folder can be saved and loaded.

4.0.0	• .NET 3.5
	• Three different logins:
	    o Login with username and password
	    o Login without password
	    o Login with Windows-login
	• New description fields which can be filled by comments in the nc-files or by the user on the DNC 5000 client.
	• New import function: Dedicated import folder per machine makes it possible to import nc-files without machine name in the ID.

3.5.0	Software license for the installation of DNC 5000 on virtual machines
3.2.0	DNC 5000 runs with Win7 64-bit
3.1.0	• ServerAssistant.exe, new tool: Displays all logged in DNC 5000 clients and the running file transfers. Recovers data consistency (greyed nc-files) in the database after an unforeseen shutdown.
3.0.0	• Info files can be printed on DNC 5000 clients.
2.8.0	• NC-files can be locked and unlocked. A locked file can not be loaded by a cnc machine.
2.7.0	• Info files (.pdf, .txt, .xlsx etc.) can be imported and assigned to nc-files via drag & drop.