



CIMCO is an industry leading developer of software solutions for Computer Integrated Manufacturing and Industry 4.0. Our software suite includes advanced CNC editors, simulation software, DNC communications software, Manufacturing Data Collection for real-time monitoring and analysis of shop floor productivity, and Manufacturing Data Management for managing, organizing and securely storing production related data.

Since 1991, CIMCO has helped companies worldwide improve their competitive edge by providing reliable software and outstanding on-site assistance. Our network of CAD/CAM/CNC resellers and consultants have sold more than 100,000 licenses worldwide and we hold great pride in continuously supporting and meeting our customers' demands by developing intelligent and competitive solutions.



# NC-BASE

## CNC Program Management

### THE FULL SUITE OF CIMCO SOFTWARE



#### CIMCO Edit

Full-featured NC editing, simulation and machine communication tool. Powerful add-ons available.



#### CIMCO DNC-Max

The leading solution for NC program transfers to and from CNC machines. Compatible with machines and files.



#### CIMCO MDC-Max

Real-time manufacturing data collection. Optimize use of resources, and streamline processes.



#### CIMCO NC-Base

Organize, manage, and protect part programs and related production documents efficiently.



#### CIMCO MDM

Complete solution for manufacturing document management. Integrates with CAD/CAM systems from leading vendors.



#### CIMCO Scheduler

Production scheduling and order tracking solution. Improve delivery times and use of machines and resources.



#### CIMCO Machine Simulation

Prove-out your NC program on a 3D CNC machine model. Automatic checks for collisions, out of limit moves and more.



#### CIMCO CNC-Calc

A basic CAD/CAM. Draw 2D geometrical contours and lay out toolpaths for milling and turning machines.



#### CIMCO Mazatrol Viewer

Enables CIMCO Edit to read, preview and print Mazatrol binary files for both milling and turning.



#### CIMCO Teachware

E-learning solution that introduces students to working with digital machine tools.

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CIMCO HEADQUARTERS AND MAIN TRAINING FACILITY ARE LOCATED IN THE DANISH CAPITAL COPENHAGEN. THIS IS THE BASE OF OPERATION FOR THE SALES AND SUPPORT TEAM. OUR TECHNICAL SERVICE STAFF TRAVELS WORLDWIDE AND HAS LOCAL OFFICES IN SELECT COUNTRIES.

### LOCAL OFFICES / RESELLERS WORLDWIDE

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 CIMCO AUTHORIZED RESELLER



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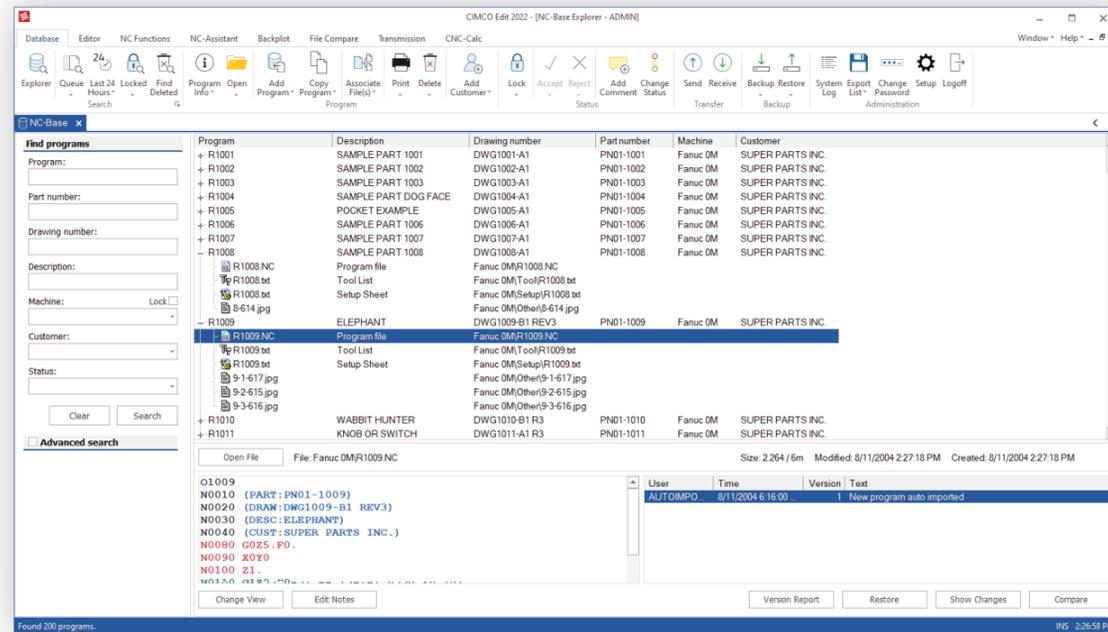


# INTRODUCTION

What is CIMCO NC-Base?

## Organize, manage and protect your CNC programs and related production documents.

CIMCO NC-Base is an integrated add-on for CIMCO Edit and the ideal solution for CNC programmers and operators who need to manage part programs and related production documents efficiently. With NC-Base CNC programmers and production staff can assemble virtual folders containing all the necessary data used by machinists, operators, quality staff, and others who are responsible for finished parts.



# BENEFITS

Why use CIMCO NC-Base?

### Always get the right document

Reduce inefficiencies and streamline your document-centric processes. Always get the right version of a CNC program or document.

### Organized and protected

Keeps documents organized, under version control and safely stored to protect them from disasters such as fire, flood or theft.

### Restrict access to documents

Control who is allowed to access, modify, approve or transfer files and to which machines. All actions can be logged.

### One central application

One application for managing, editing, simulating, and transferring your part programs.

### Streamline program transfers

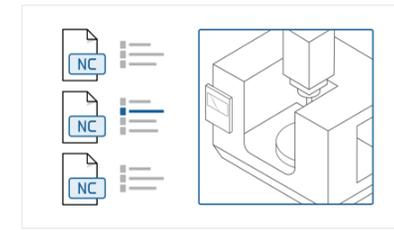
Send programs to the shop floor along with any required documentation such as tool lists, photos and videos of setups.

### Reduce clutter

Reduce paper clutter and printouts by storing all your production documents digitally in one place for easy access.

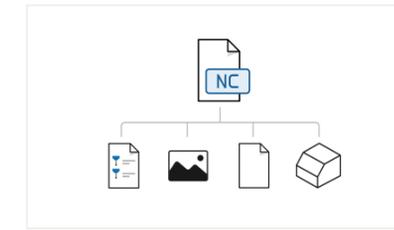
# FEATURES

Some of the many features included



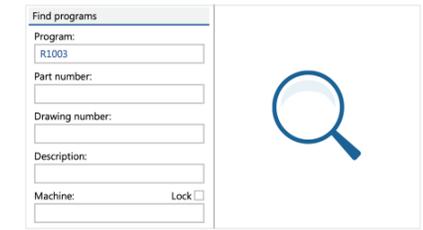
### File overview and preview

Preview and manage CNC programs and associated documents easily by selecting them from a file list.



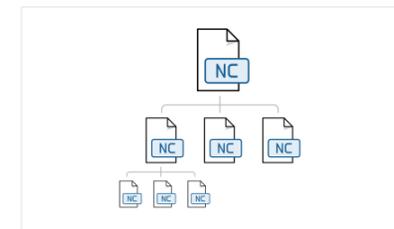
### Associate files to CNC programs

Associate all forms of production documents with CNC programs including setup sheets, tool lists, memos, inspection notes, image files, etc.



### Comprehensive search

NC-Base offers advanced search features for CNC programs. Filter by Program-, Part- and Drawing Number, as well as by machine, customer or document status.



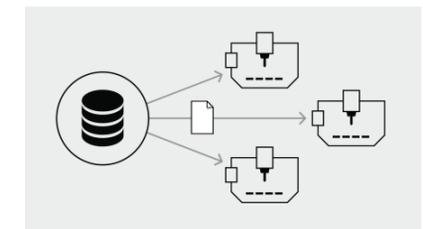
### Subprograms

Configure relationships and dependencies between programs. Useful for managing common or repeated parts of CNC programs.



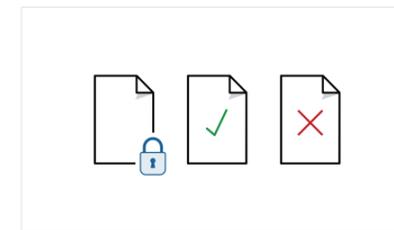
### File Templates

Automatically create files based on templates such as setup sheets, tool lists, and memos.



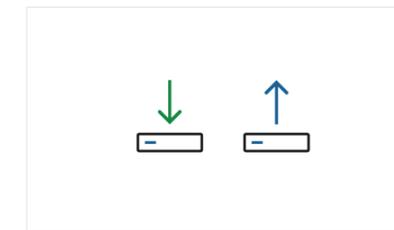
### DNC Communication

Using either CIMCO Edit or CIMCO DNC-Max, users can initiate 'Send' and 'Receive' transfers of programs directly from within NC-Base.



### Document restrictions

Restrict access to files for users/machines by locking or marking them Approved or Unapproved. The Import (approval) Queue shows files awaiting review.



### Backup/restore and Versioning

Backup/restore single or multiple files. Compare updates with originals and in-process edits.



### User Permission Management

Limit access to files and control the access to functions in NC-Base for individual users or groups.

- ✓ **Vaults for unmonitored documents**  
Associate unmonitored files to CNC programs.
- ✓ **Side-by-side document and version compare**  
Select any two files/versions to compare them side-by-side.
- ✓ **Login and out (Windows login)**  
Login required. Use Windows Username for convenience and simplicity.
- ✓ **Document data fields (metadata)**  
User-definable data fields help categorize and manage programs.

## MORE

[www.cimco.com](http://www.cimco.com) →

Visit our website to discover many more features, videos or to download our free, 30 day trial version of CIMCO NC-Base.