



## VIRTUAL NC CORES

**FASTCONTROL** enables exact simulations of NC programs by using the full controller functionality. By the way, the simulation is independent from the employed programming system. The state of the memory has to be read out and passed to the required Virtual Core. The handling of **FASTCONTROL** is easy: Simple settings within the postprocessor of the machine and the software is called automatically.

### ► PRODUCT FEATURES

- Integrated in CATIA V5 (Release 16 or higher)
- Supports the following Virtual NC Cores: Siemens VNCK and Heidenhain VirtualTNC
- Reliable statements for production and process engineering
- Generating of status reports
- Functionality for logging to support the failure analysis
- Visualization of process progress
- Client server architecture
- Comfortable licensing model
- Windows 2000 platform or higher
- Execution from CATIA by simple modifications in existing PIKs (Process Implementation Kit)

### ► CUSTOMER BENEFIT

- Increasing efficiency and competitiveness of machine tool suppliers and users
- Exact statements about time for successful benchmarks and detailed offers
- Valuable support for the development of machine tools controlled by SIEMENS or HEIDENHAIN controllers, e. g. design of controller cycles (drilling cycle, tool change, ...)
- Optimization of part programs and sub program routines
- Shortening of non-productive time: Errors are not searched at the machine, but in the simulation
- Reduction of collision risks: Collisions are detected in the simulation. Therefore they can be avoided during offline programming
- Increasing workpiece quality because of early error detection

- Reduction of ramp-up time
- Increasing of process safety
- No machine tool costs
- No interruption of the running production

### ► CONCLUSION

- **FASTCONTROL** is an other, important component in the area of virtual methods. This CENIT adapter offers machine tool suppliers and user an economic method for increasing the efficiency of their machine tools

# CENIT LOCATIONS: ADRESSES & CONTACT

## GERMANY

### CENIT Stuttgart

Industriestraße 52-54  
D-70565 Stuttgart  
Tel.: +49 711 7825-30  
Fax: +49 711 7825-4000  
E-Mail: [info@cenit.de](mailto:info@cenit.de)  
Web: [www.cenit.de](http://www.cenit.de)

### CENIT Berlin

Eichenstraße 3b  
D-12435 Berlin  
Tel.: +49 30 884580-0  
Fax: +49 30 884580-99

### CENIT Düsseldorf

Max-Planck-Str. 17  
D-40699 Erkrath (Unterfeldhaus)  
Tel.: +49 211 530652-0  
Fax: +49 211 530652-99

### CENIT Frankfurt

Lyoner Straße 20  
D-60528 Frankfurt  
Tel.: +49 69 668018-0  
Fax: +49 69 668018-8

### CENIT Hamburg

Heidenkampsweg 51  
D-20097 Hamburg  
Tel.: +49 40 2533466-0  
Fax: +49 40 2533466-88

### CENIT Hannover

Großer Kolonnenweg 21  
D-30163 Hannover  
Tel.: +49 511 54275-0  
Fax: +49 511 54275-88

### CENIT München

Paul-Gerhardt-Allee 50a  
D-81245 München  
Tel.: +49 89 829209-0  
Fax: +49 89 829209-99

### CENIT Oelsnitz

Kurt-Mauersbergerstr. 9  
D-09376 Oelsnitz  
Tel.: +49 37298 3039-0  
Fax: +49 37298 3039-30

### CENIT Saarbrücken

Innovationsring 9  
IT Park Saarland G1  
D-66115 Saarbrücken  
Tel.: +49 681 76190-0  
Fax: +49 681 76190-99

## SWITZERLAND

### CENIT (Schweiz) AG

Hungerbühlstrasse 22  
CH-8500 Frauenfeld  
Tel.: +41 52 7247777  
Fax: +41 52 7247778  
E-Mail: [info@cenit-ag.ch](mailto:info@cenit-ag.ch)  
Web: [www.cenit.de](http://www.cenit.de)

## ROMANIA

### S.C. CENIT S.R.L.

Str. Calea Chisinaului  
Nr. 104-106 bis, Iasi  
Tel.: +40 332 430574  
Fax: +40 332 430572  
Web: [www.cenit.ro](http://www.cenit.ro)

## USA

### CENIT North America Inc.

691 N Squirrel Rd, Suite 275  
Auburn Hills, MI 48326  
USA  
Tel.: +1 248 276-8540  
E-Mail: [info@cenit.us](mailto:info@cenit.us)  
Web: [www.cenit.us](http://www.cenit.us)

## FRANCE

### CENIT France

15 Chemin de la Crabe  
FR-31300 Toulouse  
Tel.: +33 567310220  
Fax: +33 561158805  
Web: [www.cenit.fr](http://www.cenit.fr)

