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SinuTrain

The control-identical NC-programming station

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siemens.com/sinutrain

Manufacturing companies also have to face up to key challenges today and make considerable improvements to their processes

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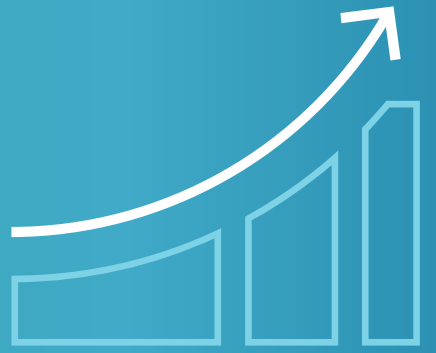
Time-To-Market

Flexibility

Quality

Efficiency



Security

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How can I make my processes more productive?

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Can I increase **machine availability** by job planning in an environment that is identical to the real control?

Can I **train all employees optimally** on the same platform that is 1:1 identical to the real machine**?**

Standard programming workstation?

Is there a simple way of emulating my **individual machine** on the PC?

Can I give a **simple presentation** of SINUMERIK functions?

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The controller-identical NC programming workstation SinuTrain for SINUMERIK Operate

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Real machine matched 1:1 on the PC

- Controller-identical NC programming workstation puts SINUMERIK Operate onto a PC
- Creation and verification of the NC programs on the pc before they are transferred to the real machine
- Training for operating and programming the SINUMERIK
- Presenting and testing new SINUMERIK functions

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Clear positioning of the programming tool in the portfolio for developing NC programs

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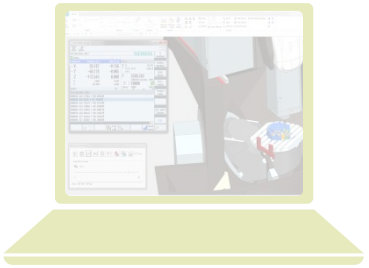
SinuTrain for SINUMERIK Operate is positioned between the 808D on PC and the virtual machine (with Run MyVNCK) as a solution for the mid-range, but also the high-end market for creating job shop NC programs for SINUMERIK 828D and 840D sl

Standard 808D	Midrange 828D	High-end 840D sl Standard	High-end 840D sl Complex

808D on PC | SinuTrain | Virtual machine (VNCK)



Open system for integration into simulation systems

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SinuTrain for SINUMERIK Operate
The highlight is the NC programming workstation that is identical to the control

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- **Low-cost solution** to optimize production and increase **machine availability** in the job shop
- **Simple training platform** for a large number of trainees based on a system identical to the real machine
- Value added for the machine owner **by job plan**ning on the virtual model, with an **increase in value** of the real machine
- **Professional presentation** – demonstration instead of slides

Increase your
productivity and usability!

The perfect solution for optimum job planning, training, and presentations

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SinuTrain is also ideally suitable for a CAD/CAM programming environment

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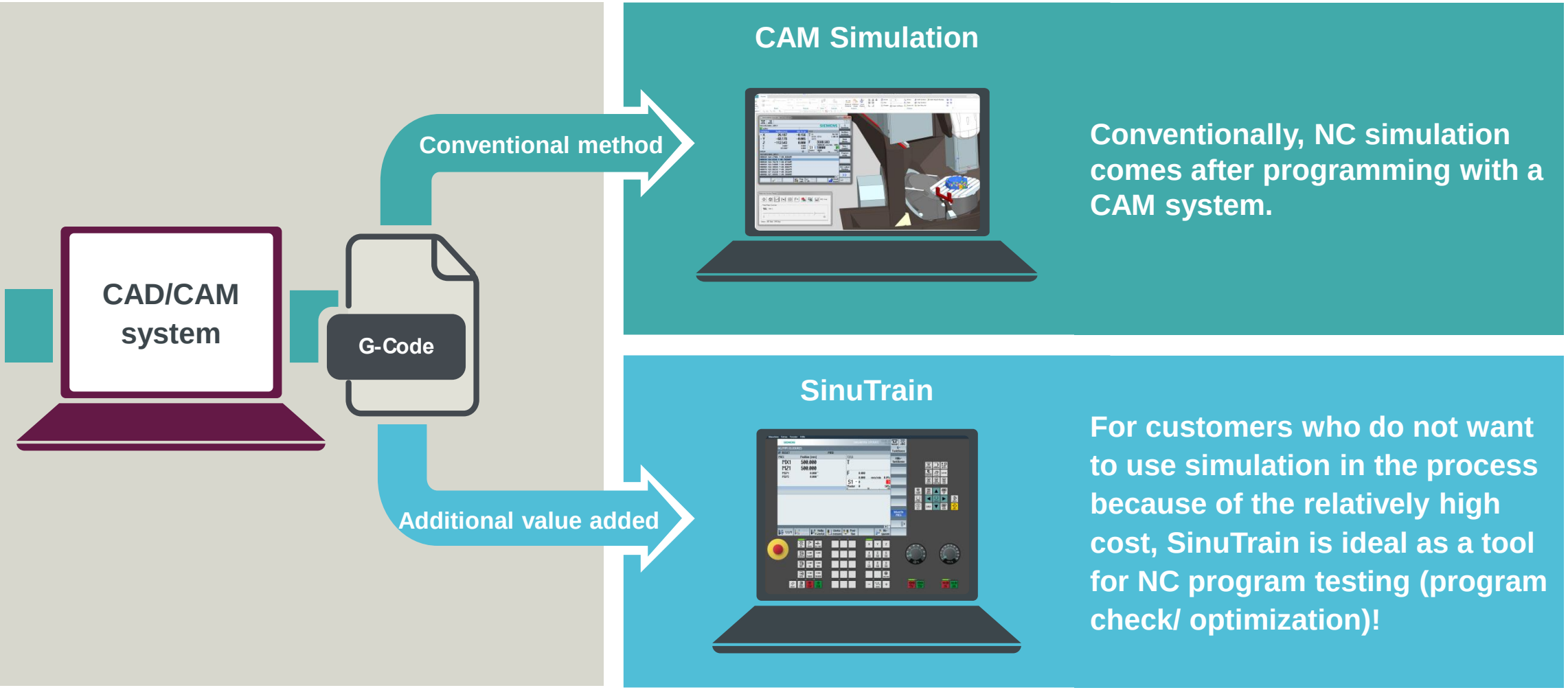

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The advantages of SinuTrain for SINUMERIK Operate in the applications

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… in job preparation

- Higher machine availability
- 1:1 programming and operation
- Increased productivity

… in training

- Simple learning and professional training
- Like on the control and more…
- Perfect tailored training packages

… for the machine manufacturer

- Engineering at the machine manufacturer
- Sales at the machine manufacturer
- Job preparation at the machine owner

… in sales

- SINUMERIK with you wherever you go
- Free Basic version
- Experience SINUMERIK live

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Product overview
Operating systems & additional languages

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	Win 10*1)	Win 7*2)	Win XP*3)	CNC SW	Basic / Trial www.siemens.com/cnc4you	
SinuTrain for SINUMERIK Operate V4.8 NEW	✓	✓	x	SINUMERIK Operate V4.8 SP2	✓	x
SinuTrain for SINUMERIK Operate V4.7 Ed.4 NEW	✓	✓	x	SINUMERIK Operate V4.7 SP6	✓	x
SinuTrain for SINUMERIK Operate V4.5 Ed.3	✓	✓	x	SINUMERIK Operate V4.5 SP6	✓	x
SinuTrain for SINUMERIK Operate V4.4 Ed.3	x	✓	✓	SINUMERIK Operate V2.7 SP3 / V4.4 SP3	x	✓

Available additional languages (depending on availability of the CNC software) → www.siemens.com/cnc4you

Standard:
Chinese (simplified)
English
French
German
Italian
Spanish

Additional:
Chinese (Taiwan)
Czech
Danish
Dutch
Finnish
Hungarian
Indonesian
Japanese
Korean
Malaysian
Polish
Portuguese (Brazil)
Romanian
Russian
Slovakian
Slovenian
Swedish
Turkish
Vietnamese

SinuTrain for SINUMERIK Operate available for all current SINUMERIK versions

*1) Windows 10 (64 Bit; Mobile und Mobile Enterprise are not supported)
*2) Windows 7 SP1 (32 bit and 64 bit; Starter, Web Edition and Embedded are not supported)
*3) Windows XP SP3 32 Bit Professional, Home Edition

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SinuTrain for SINUMERIK Operate - The perfect solution for optimum job preparation, training, and presentations

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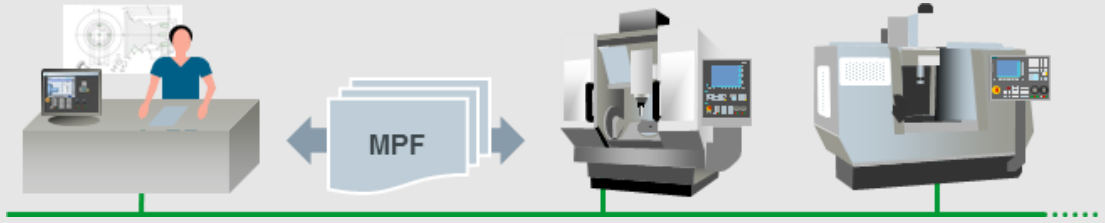
… in job preparation



… in training

… for the machine manufacturer

… in sales

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Reference: Mechanical engineering school Ansbach

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Project Information

Handling CNC is trained effectively in the realistic emulation of the CNC control using SinuTrain

Mechanical engineering school/ Ansbach, Germany

Products used

Previously	Now
One CNC machine for 20 trainees	Each trainee is given a workstation license and can program and test independently.

Customer Advantage

Machining step programming with ShopMill and ShopTurn and high-level language programming on the PC → Successful and realistic training

Programming tests can be performed virtually on the PC → Protection of operators and machines

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We are driving the

Digital Enterprise

together with our customers

Thank you!

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