

cmmsimulator™ Eagle Eye

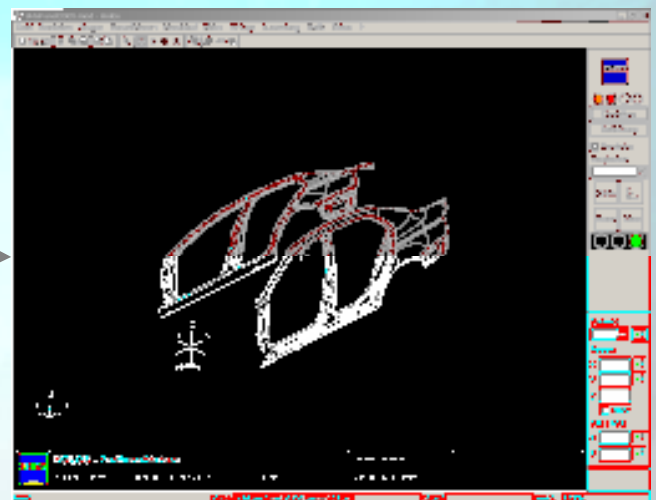
Cmmsimulator is the next generation software simulator developed specifically for Co-ordinate Measurement Machine - CMM - operation. It runs as if it were the real CMM - a software replica of the machine.

The benefits of Cmmsimulator are many, you can undertake final program prove out offline, away from the real machine, releasing the CMM for productive work. Program errors, such as near misses and collisions, can be picked up early, ahead of running the program on the CMM.

Or, you can use it as a training aid, again releasing the real CMM for other more productive duties, and minimising the risk of damage to expensive components whilst trainees practise with Cmmsimulator just as they would on the real machine. There are many ways you can increase the utilisation of the real (expensive!) CMM

Powerful Offline CMM Simulation and Program Verification

- Cmmsimulator allows CMM users to get **better value** from their CMMs
- Cmmsimulator will increase **departmental productivity** by speeding up critical metrology stages
- Cmmsimulator is smooth in operation and **accurately reflects CMM Native commands**
- Cmmsimulator encourages **program improvements and enhancements** at an early stage
- Cmmsimulator **significantly reduces CMM programming errors**
- Cmmsimulator is highly visual with **full 3D capabilities**
- Cmmsimulator can generate **interactive 3D movies** to show colleagues and customers

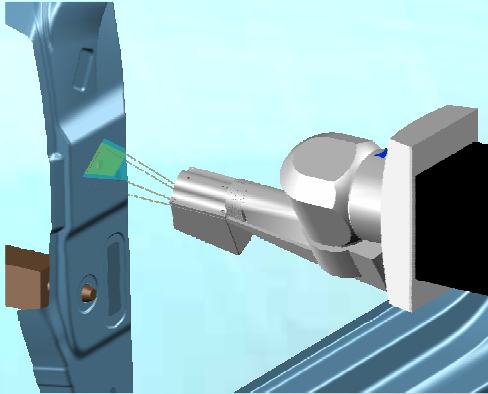


Proven CMM Simulation Technology

Cmmsimulator is built on proven simulation technology. Developed with the full co-operation of Zeiss Measurement Systems, it uses an intuitive GUI and accurate command set definition. Cmmsimulator is based on our SoftMachine technology developed for, and used by, major aerospace companies, where highly accurate simulations are essential.



Non-Tactile Probing Supported for Greater Productivity



A new version of Cmmsimulator for use with the Eagle Eye (trademark of Carl Zeiss) scanning head is simple to use.

Programmes run through Cmmsimulator - Eagle Eye can be quickly verified as if using the real CMM. The highly visual results allow users to quickly make any necessary edits to 'fine tune' the program. This is most essential because the Eagle Eye head is moving in 3D space and needs to operate within certain limits to be effective.

Cmmsimulator Eagle Eye can take much of the guess work (and worry) out of the programming operation.

Windows and Holos Programming Compatibility

Cmmsimulator will run on any standard Pentium 4 or newer PC running Windows NT, 2000 and XP and it supports single screen or dual screen graphics cards. Users of the Holos programming system can easily run Cmmsimulator, but will require appropriate Holos™ licences.

For your first experience of Cmmsimulator, we'll provide you with your temporary evaluation licence, allowing you to test the software in your own environment. If required, on-site support is also available.



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Introduction to AC&E

AC&E has applied simulation technologies to a wide range of design and manufacturing applications found in aerospace, automotive, defence, power, polymer and other engineering organisations. Our manufacturing simulation software provides easy and accurate access to preparing and verifying (often) complex programmes for specialist equipment, robots and other expensive machines.

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