

Hardware/Software Specifications

Platform Models: PC Intel Pentium II
PC Intel Pentium III
PC Intel Pentium Pro

Supported Graphics Environments: ADAMS/View requires a minimum of 1024x768 resolution.

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|-------------------------|----------------------------------|------|
| Supported MDI Products: | ADAMS/Solver Task | 10.1 |
| | ADAMS/Linear | 10.1 |
| | ADAMS/View | 10.1 |
| | ADAMS/Exchange | 10.1 |
| | ADAMS/PostProcessor | 10.1 |
| | ADAMS/Flex | 10.1 |
| | ADAMS/Controls | 10.1 |
| | ADAMS/Car Interface | 10.1 |
| | ADAMS/Car Suspension | 10.1 |
| | ADAMS/Car Conceptual Suspension | 10.1 |
| | ADAMS/Car Vehicle Dynamics | 10.1 |
| | ADAMS/Driver | 10.1 |
| | ADAMS/Car Handling Tire | 10.1 |
| | ADAMS/Car Durability Tire | 10.1 |
| | ADAMS/Tire | 10.1 |
| | ADAMS/Engine | 10.1 |
| | ADAMS/Hydraulics | 10.1 |
| | ADAMS/Insight | 10.1 |
| | ADAMS/Rail | 10.1 |
| | ADAMS/Pre | 10.1 |
| | ADAMS/RaceCar | 10.1 |
| | MECHANISM/Pro Iface Only (v21.0) | 10.1 |
| | ADAMS/SDK Solver | 10.1 |

Demo passwords are available for this platform family.

Hardware/Software Specifications

Supported/Required Software Environments:

| <u>Software Product</u> | <u>Fortran Specs</u> | <u>C Specs</u> | <u>Graphics Software Requirements</u> |
|----------------------------------|--------------------------------|--|---|
| ADAMS/Solver Task | Digital Visual Fortran v6.0 | Microsoft Visual C/C++ v6.0(SP2) | N/A |
| ADAMS/View | Digital Visual Fortran v6.0 | Microsoft Visual C/C++ v6.0(SP2) | HOOPS using OpenGL or MSW driver |
| ADAMS/PostProcessor | N/A | N/A | OpenGL DLL |
| ADAMS/Controls | Digital Visual Fortran v6.0 | Microsoft Visual C/C++ v6.0(SP2) | N/A |
| ADAMS/Car Interface | Digital Visual Fortran v6.0 | Microsoft Visual C/C++ v6.0(SP2) | OpenGL DLL |
| ADAMS/Engine | Digital Visual Fortran v6.0 | Microsoft Visual C/C++ v6.0(SP2) | OpenGL DLL |
| ADAMS/Hydraulics | Digital Visual Fortran v6.0 | Microsoft Visual C/C++ v6.0(SP2) | OpenGL DLL |
| ADAMS/Insight | N/A | Microsoft Visual C/C++ v6.0(SP2) | N/A |
| ADAMS/Rail | Digital Visual Fortran v6.0 | Microsoft Visual C/C++ v6.0(SP2) | OpenGL DLL |
| ADAMS/Pre | Digital Visual Fortran v6.0 | Microsoft Visual C/C++ v6.0(SP2) | N/A |
| ADAMS/RaceCar | N/A | N/A | Please see ADAMS/Pre requirements |
| MECHANISM/Pro Iface Only (v21.0) | N/A | N/A | Please see your Pro/Engineer requirements |
| ADAMS/SDK Solver | Digital Visual Fortran v6.0 | Microsoft Visual C/C++ v6.0(SP2) | N/A |

Note: Fortran libraries are required for creating any ADAMS/Solver custom executable.

Hardware/Software Specifications

Supported/Required Hardware Environments:

| <u>Software Product</u> | <u>Supported Configurations</u> | <u>Specific Hardware Requirements</u> |
|----------------------------------|---------------------------------|--|
| ADAMS/Solver Task | All | N/A |
| ADAMS/View | All | Mouse, 24-bit Hardware Z-buffer recommended |
| ADAMS/PostProcessor | All | Mouse, 24-bit Hardware Z-buffer recommended |
| ADAMS/Flex | All | N/A |
| ADAMS/Controls | All | Mouse |
| ADAMS/Car Interface | All | Mouse, 24-bit Hardware Z-buffer recommended |
| ADAMS/Engine | All | Mouse, 24-bit Hardware Z-buffer recommended |
| ADAMS/Hydraulics | All | Mouse, 24-bit Hardware Z-buffer recommended |
| ADAMS/Insight | All | Mouse |
| ADAMS/Rail | All | Mouse, 24-bit Hardware Z-buffer recommended |
| ADAMS/Pre | All | Mouse |
| ADAMS/RaceCar | All | Please see ADAMS/Pre requirements |
| MECHANISM/Pro Iface Only (v21.0) | All | Mouse. Please see your Pro/Engineer requirements |
| ADAMS/SDK Solver | All | N/A |

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| Memory Requirements: (MBytes) | Minimum | 192.0 |
| | Recommended | 320.0 |

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|--------------------------------------|----------------------------------|--------------|
| Disk Space Requirements: (MBytes) | ADAMS/Pre | 264.0 |
| | ADAMS/Rail | 85.0 |
| | MECHANISM/Pro Iface Only (v21.0) | 30.0 |
| | ADAMS/Flex | 22.0 |
| | ADAMS/Controls | 35.0 |
| | ADAMS/SDK Solver | 30.0 |
| | ADAMS/Car Interface | 160.0 |
| | ADAMS/Solver Task | 35.0 |
| | ADAMS/View | 93.0 |
| | ADAMS/PostProcessor | 15.0 |
| | ADAMS/Hydraulics | 45.0 |
| | ADAMS/Engine | 92.0 |
| | ADAMS/Insight | 5.0 |
| Miscellaneous | 15.0 | |
| | Total | 926.0 |

Hardware/Software Specifications

General Hardware Requirements:

- Swap Space: 300 Mbytes
- Distribution Media: CD-ROM
- Terminal: SVGA monitor (1024x768 or better resolution)
- Mouse: Required for ADAMS/View (2 or 3 button)
- Printer: Postscript printer and/or HPGL plotter required for hard copies in ADAMS/View

Licensing Requirements:

MDI supports two types of licensing: a network license that allows program execution on any computer on the network and a node-locked task-limited license which counts simultaneous users of product on a given system.

With either type of licensing, MDI requires that you choose a license server. You may choose only one(1) or three(3) license servers. MDI requires the following system information from the machine(s) you designate as the license server(s).

- 1) The host name of the license server machine. The host name is displayed by typing 'hostname' in the Command Prompt window.
- 2) The Hostid of the license server machine. The hostid is determined by typing 'ipconfig/all' in the Command Prompt window. Look for the line labeled "Physical Address".

*** Note: For either type of license, Windows NT Server is not required. However, you must install the following network software on both client and server systems, from your Windows NT CD-ROM using:

"Control Panel - Network - Add Software - TCP/IP Protocol"

The TCP/IP Protocol software is used to communicate with the license manager and MUST be installed on both client and server systems.

Hardware/Software Specifications

Comments:

Requires TCPIP Protocol Network Software
installed from Windows NT CD-ROM. Requires ethernet card for licensing.
Windows NT Server is NOT required.