

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.

|                         |                                 |        |
|-------------------------|---------------------------------|--------|
| Supported MDI Products: | ADAMS/View                      | 11.0   |
|                         | ADAMS/PostProcessor             | 11.0   |
|                         | ADAMS/Insight GUI               | 11.0   |
|                         | ADAMS/Solver Task               | 11.0   |
|                         | ADAMS/Vibration                 | 11.0   |
|                         | ADAMS/Durability                | 11.0   |
|                         | ADAMS/Controls                  | 11.0   |
|                         | ADAMS/Flex                      | 11.0   |
|                         | ADAMS Flexible Body Generator   | 11.0   |
|                         | ADAMS/Linear                    | 11.0   |
|                         | ADAMS/Hydraulics IF             | 11.0   |
|                         | ADAMS/Rail                      | 11.0   |
|                         | ADAMS/Car                       | 11.0   |
|                         | ADAMS/Car Suspension Design     | 11.0   |
|                         | ADAMS/Car Conceptual Suspension | 11.0   |
|                         | ADAMS/Car Vehicle Dynamics      | 11.0   |
|                         | ADAMS/Driveline                 | 11.0.1 |
|                         | ADAMS/Pre GUI Main              | 11.0   |
|                         | ADAMS/Engine IF                 | 11.0   |
|                         | ADAMS/Engine Valvetrain         | 11.0   |
|                         | ADAMS/Engine Chain Drive        | 11.0   |
|                         | ADAMS/Engine Timing Belt        | 11.0   |
|                         | ADAMS/Engine Accessory Belt     | 11.0.1 |
|                         | ADAMS/Driver                    | 11.0   |
|                         | ADAMS/Tire Handling             | 11.0   |
|                         | ADAMS/FTire                     | 11.0.1 |
|                         | ADAMS/Tire Durability           | 11.0   |
|                         | ADAMS/EDM                       | 11.0   |
|                         | ADAMS/Exchange                  | 11.0   |
|                         | CAT/ADAMS Replay                | 11.0   |
|                         | MECHANISM/Pro IF 2000i2 atomic  | 11.0   |
|                         | ADAMS/SDK Solver                | 11.0   |
|                         | ADAMS Model Database SDK        | 11.0   |

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/View                     | Digital<br>Fortran<br>v6.1A/6.5/6.6 | Microsoft<br>Visual C/C++<br>v6.0(SP2) | OpenGL runtime libraries                         |
| ADAMS/PostProcessor            | N/A                                 | N/A                                    | OpenGL runtime libraries                         |
| ADAMS/Solver Task              | Digital<br>Fortran<br>v6.1A/6.5/6.6 | Microsoft<br>Visual C/C++<br>v6.0(SP2) | N/A  |
| ADAMS/Vibration                | N/A                                 | N/A                                    | Please see ADAMS/View requirements               |
| ADAMS/Durability               | N/A                                 | N/A                                    | Please see ADAMS/View requirements               |
| ADAMS/Controls                 | Digital<br>Fortran<br>v6.1A/6.5/6.6 | Microsoft<br>Visual C/C++<br>v6.0(SP2) | N/A  |
| ADAMS/Hydraulics IF            | Digital<br>Fortran<br>v6.1A/6.5/6.6 | Microsoft<br>Visual C/C++<br>v6.0(SP2) | N/A  |
| ADAMS/Rail                     | Digital<br>Fortran<br>6.1A/6.5/6.6  | Microsoft<br>Visual C/C++<br>6.0(SP2)  | Please see ADAMS/View requirements               |
| ADAMS/Car Suspension Design    | Digital<br>Fortran<br>v6.1A/6.5/6.6 | Microsoft<br>Visual C/C++<br>v6.0(SP2) | Please see ADAMS/View requirements               |
| ADAMS/Car Vehicle Dynamics     | Digital<br>Fortran<br>v6.1A/6.5/6.6 | Microsoft<br>Visual C/C++<br>v6.0(SP2) | Please see ADAMS/View requirements               |
| ADAMS/Driveline                | Digital<br>Fortran<br>v6.1A/6.5/6.6 | Microsoft<br>Visual C/C++<br>v6.0(SP2) | Please see ADAMS/View requirements               |
| ADAMS/Pre GUI Main             | Digital<br>Fortran<br>v6.1A/6.5/6.6 | Microsoft<br>Visual C/C++<br>v6.0(SP2) | N/A  |
| ADAMS/Engine Valvetrain        | Digital<br>Fortran<br>v6.1A/6.5/6.6 | Microsoft<br>Visual C/C++<br>v6.0(SP2) | Please see ADAMS/View requirements               |
| ADAMS/Engine Chain Drive       | Digital<br>Fortran<br>v6.1A/6.5/6.6 | Microsoft<br>Visual C/C++<br>v6.0(SP2) | Please see ADAMS/View requirements               |
| ADAMS/Engine Timing Belt       | Digital<br>Fortran<br>v6.1A/6.5/6.6 | Microsoft<br>Visual C/C++<br>v6.0(SP2) | Please see ADAMS/View requirements               |
| ADAMS/Engine Accessory Belt    | Digital<br>Fortran<br>v6.1A/6.5/6.6 | Microsoft<br>Visual C/C++<br>v6.0(SP2) | Please see ADAMS/View requirements               |
| CAT/ADAMS Replay               | N/A                                 | N/A                                    | Please see your CATIA v5 requirements            |
| MECHANISM/Pro IF 2000i2 atomic | N/A                                 | N/A                                    | Please see your Pro/Engineer 2000i2 requirements |
| ADAMS/SDK Solver               | N/A                                 | Microsoft<br>Visual C/C++<br>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/View                     | All                             | Mouse, OpenGL graphics card highly recommended       |
| ADAMS/PostProcessor            | All                             | Mouse, OpenGL graphics accelrator highly recommended |
| ADAMS/Insight GUI              | All                             | Mouse  |
| ADAMS/Solver Task              | All                             | N/A  |
| ADAMS/Vibration                | All                             | Please see ADAMS/View requirements                   |
| ADAMS/Durability               | All                             | Please see ADAMS/View requirements                   |
| ADAMS/Controls                 | All                             | Mouse  |
| ADAMS/Flex                     | All                             | N/A  |
| ADAMS Flexible Body Generator  | All                             | N/A  |
| ADAMS/Rail                     | All                             | Please see ADAMS/View requirements                   |
| ADAMS/Car Suspension Design    | All                             | Please see ADAMS/View requirements                   |
| ADAMS/Car Vehicle Dynamics     | All                             | Please see ADAMS/View requirements                   |
| ADAMS/Driveline                | All                             | Please see ADAMS/View requirements                   |
| ADAMS/Pre GUI Main             | All                             | Mouse  |
| ADAMS/Engine Valvetrain        | All                             | Please see ADAMS/View requirements                   |
| ADAMS/Engine Chain Drive       | All                             | Please see ADAMS/View requirements                   |
| ADAMS/Engine Timing Belt       | All                             | Please see ADAMS/View requirements                   |
| ADAMS/Engine Accessory Belt    | All                             | Please see ADAMS/View requirements                   |
| ADAMS/FTire                    | All                             | N/A  |
| CAT/ADAMS Replay               | N/A                             | Please see your CATIA v5 requirements                |
| MECHANISM/Pro IF 2000i2 atomic | N/A                             | Please see your Pro/Engineer 2000i2 requirements     |

Hardware/Software Specifications

|                                      |                                |       |
|--------------------------------------|--------------------------------|-------|
| Memory Requirements:<br>(MBytes)     | Minimum                        | 256.0 |
|                                      | Recommended                    | 512.0 |
| Disk Space Requirements:<br>(MBytes) | ADAMS/Pre GUI Main             | 35.0  |
|                                      | ADAMS/Flex                     | 23.0  |
|                                      | ADAMS/Controls                 | 8.0   |
|                                      | ADAMS/Insight GUI              | 12.0  |
|                                      | ADAMS/SDK Solver               | 33.0  |
|                                      | ADAMS/Car                      | 92.0  |
|                                      | ADAMS/Solver Task              | 5.0   |
|                                      | ADAMS/View                     | 115.0 |
|                                      | ADAMS/Rail                     | 18.0  |
|                                      | ADAMS/PostProcessor            | 6.0   |
|                                      | ADAMS/Hydraulics IF            | 3.0   |
|                                      | ADAMS/Engine IF                | 28.0  |
|                                      | MECHANISM/Pro IF 2000i2 atomic | 19.0  |
|                                      | ADAMS/Vibration                | 3.0   |
|                                      | ADAMS/Durability               | 1.0   |
|                                      | CAT/ADAMS Replay               | 6.0   |
| ADAMS/Driveline                      | 5.0                            |       |
| Miscellaneous                        | 40.0                           |       |
|                                      | Total                          | 452.0 |

General Hardware Requirements:

- Swap Space: 512Mbytes
- 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

Hardware/Software Specifications

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.

Comments:

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