

## Hardware/Software Specifications

Platform Models: Sun SPARC

Supported Graphics Environments: OpenWindows, CDE, XGL (supported on ZX only)

Supported MDI Products:	ADAMS/Solver Task	10.0
	ADAMS/Linear	10.0
	ADAMS/View	10.0
	ADAMS/Exchange	10.0
	ADAMS/PostProcessor	10.0
	ADAMS/Flex	10.0
	ADAMS/Controls	10.0
	ADAMS/Car Interface	10.0
	ADAMS/Car Suspension	10.0
	ADAMS/Car Conceptual Suspension	10.0
	ADAMS/Car Vehicle Dynamics	10.0
	ADAMS/Driver	10.0
	ADAMS/Car Handling Tire	10.0
	ADAMS/Car Durability Tire	10.0
	ADAMS/Tire	10.0
	ADAMS/Engine	10.0
	ADAMS/Hydraulics	10.0
	ADAMS/Pre	10.0
	ADAMS/RaceCar	10.0
	CAT/ADAMS Interface Only	10.0
	MECHANISM/Pro Iface Only (v21.0)	10.0
	ADAMS/SDK	10.0

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/Solver Task	4.2	4.2	X11 sharable libraries
ADAMS/View	4.2	4.2	X11, Motif, XGL sharable libraries
ADAMS/PostProcessor	N/A	N/A	X11, XGL sharable libraries
ADAMS/Flex	4.2	4.2	N/A
ADAMS/Controls	4.2	4.2	N/A
ADAMS/Car Interface	4.2	4.2	X11, XGL sharable libraries
ADAMS/Engine	4.2	4.2	X11(CDE), XGL Runtime Libraries
ADAMS/Hydraulics	4.2	4.2	X11(CDE), XGL runtime libraries
ADAMS/Pre	4.2	4.2	N/A
CAT/ADAMS Interface Only	4.2	4.2	Please see your CATIA requirements
MECHANISM/Pro Iface Only (v21.0)	N/A	N/A	Please see your Pro/Engineer requirements
ADAMS/SDK	4.2	4.2	N/A

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

Supported/Required Hardware Environments:

<u>Software Product</u>	<u>Supported Configurations</u>	<u>Specific Hardware Requirements</u>
ADAMS/Solver Task	All	None
ADAMS/View	All	Mouse, 24-bit color, 24-bit Zbuffer
ADAMS/PostProcessor	All	Mouse, 24-bit Hardware Z-buffer recommended
ADAMS/Controls	All	N/A
ADAMS/Car Interface	All	Mouse, 24-bit hardware graphics accelerator recommended
ADAMS/Engine	All	Mouse, 24-bit color and Z-buffer recommended
ADAMS/Hydraulics	All	Mouse, 24bit color and 24-bit Zbuffer recommended
ADAMS/Pre	All	Mouse
CAT/ADAMS Interface Only	All	Please see your CATIA requirements
MECHANISM/Pro Iface Only (v21.0)	All	Mouse. Please see your Pro/Engineer requirements.

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Memory Requirements: (MBytes)	Minimum	192.0
	Recommended	320.0
Disk Space Requirements: (MBytes)	ADAMS/Pre	370.0
	MECHANISM/Pro Iface Only (v21.0)	31.0
	ADAMS/Flex	20.0
	CAT/ADAMS Interface Only	11.0
	ADAMS/Controls	11.0
	ADAMS/Car Interface	102.0
	ADAMS/Solver Task	3.0
	ADAMS/View	84.0
	ADAMS/PostProcessor	6.5
	ADAMS/Hydraulics	19.0
	ADAMS/Engine	32.0
Miscellaneous	90.0	
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	Total	779.5

General Hardware Requirements:

- Swap Space: 400 Mbytes
- Distribution Media: CD-ROM
- Terminal: Sun monitor
- Mouse: Required for graphics in all products

## Hardware/Software Specifications

Licensing Requirements:

MDI supports two types of licensing: 1) A Network license, 2) A Node-Locked, Task-Limited license. The Network license allows program execution on any computer on the network that can communicate with the license server. A Node-locked Task-Limited license, allows you to choose the computer the software will run on, but limit the number of simultaneous users. This computer must also be able to communicate with the license server.

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

- 1) The host name(s) of the license server machine(s). The host name can be obtained by entering the command 'hostname'. For example:

```
% hostname  
spartacus
```

Host names are case sensitive. Please report the entire host name as returned by the command 'hostname'. For example:

```
% hostname  
spartacus@troy.engr.mbsu.edu
```

- 2) The system id, as returned by the command 'hostid'. For example:

```
% hostid  
8001b560
```

MDI requires the system ids for all machines used in Node-Locked, Task-Limited license. The system id may be obtained with the method described above.

Comments:

XGL is supported only on ZX graphics boards  
XGL runtime libraries are required, and found on the Solaris CD  
Mandatory Sun Patch: 103461, 103633