

Hardware/Software Specifications

Platform Models: HP 9000/7xx
HP 9000/8xx

Supported Graphics Environments: X11 (X11-R5 libraries), Starbase, OpenGL run time libraries

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
	ADAMS/Animation	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	10.20.09	c89 10.32.16, aCC 1.18	X11 sharable libraries
ADAMS/View	10.20.09	c89 10.32.16, aCC 1.18	X11(CDE), OpenGL, Starbase Sharable Libraries
ADAMS/PostProcessor	N/A	N/A	X11, OpenGL sharable libraries
ADAMS/Flex	10.20.09	c89 10.32.16, aCC 1.18	N/A
ADAMS/Controls	10.20.09	c89 10.32.16, aCC 1.18	N/A
ADAMS/Car Interface	10.20.09	c89 10.32.16, aCC 1.18	X11, OpenGL sharable libraries
ADAMS/Engine	10.20.09	c89 10.32.16, aCC 1.18	X11(CDE), OpenGL Runtime Libraries
ADAMS/Hydraulics	10.20.09	c89 10.32.16, aCC 1.18	X11(CDE), OpenGL runtime libraries
ADAMS/Pre	10.20.09	c89 10.32.16, aCC 1.18	N/A
ADAMS/Animation	N/A	N/A	X11, Starbase sharable libraries
CAT/ADAMS Interface Only	10.20.09	c89 10.32.16, aCC 1.18	Please see your CATIA requirements
MECHANISM/Pro Iface Only (v21.0)	N/A	N/A	Please see your Pro/Engineer requirements
ADAMS/SDK	10.20.09	c89 10.32.16, aCC 1.18	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 Graphics with Hardware Z-buffer recommended
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
ADAMS/Animation	All	Mouse, 24-bit graphics acceleration recommended
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
	ADAMS/Animation	59.0
	ADAMS/Flex	20.0
	CAT/ADAMS Interface Only	23.0
	ADAMS/Controls	13.0
	ADAMS/Car Interface	97.0
	ADAMS/Solver Task	5.0
	ADAMS/View	88.0
	ADAMS/PostProcessor	8.0
	ADAMS/Hydraulics	11.0
	Miscellaneous	89.0
	Total	783.0

General Hardware Requirements:

- Swap Space: 400 Mbytes
 - 16 Mbytes maxssiz required for ADAMS/FEA
 - maxssiz is a kernel parameter modified through SAM.
- Distribution Media: CD-ROM
- Terminal: HP monitor
- Mouse: Required for graphics in all products
- Postscript printer and/or HPGL plotter required for hard copies in ADAMS/View
 - 128-256 Mbytes maxdsiz required for ADAMS/View
 - 128-256 Mbytes maxtsiz required for ADAMS/View
 - maxdsiz and maxtsiz are kernel parameters modified through SAM.

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 'uname -i'. For example:

```
% uname -i  
2012272894
```

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:

Creation of user-executables requires installation of the X11-R5 libraries
Required HP Patches: PHSS_10765, PHSS_13516, PHSS_13524, PHSS_14262