

Hardware/Software Specifications

Platform Models: HP 9000/7xx  
HP 9000/8xx  
HP B-Class  
HP C-Class  
HP J-Class  
HP K-Class

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

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
	ADAMS/Animation	10.1
	CAT/ADAMS Interface Only	10.1
	MECHANISM/Pro Iface Only (v21.0)	10.1
	ADAMS/SDK Solver	10.1

Demo passwords are available for this platform family.

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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, Starbase and OpenGL Sharable Libraries
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, Starbase and OpenGL sharable libraries
ADAMS/Engine	10.20.09	c89 10.32.16, aCC 1.18	X11, Starbase and OpenGL sharable libraries
ADAMS/Hydraulics	10.20.09	c89 10.32.16, aCC 1.18	X11, Starbase and OpenGL sharable libraries
ADAMS/Insight	N/A	N/A	X11
ADAMS/Rail	10.20.09	c89 10.32.16, aCC 1.18	X11, Starbase and OpenGL sharable libraries
ADAMS/Pre	10.20.09	c89 10.32.16, aCC 1.18	X11 sharable libraries
ADAMS/RaceCar	N/A	N/A	Please see ADAMS/Pre requirements
ADAMS/Animation	N/A	N/A	X11, Starbase sharable libraries
CAT/ADAMS Interface Only	N/A	N/A	Please see your CATIA requirements
MECHANISM/Pro Iface Only (v21.0)	N/A	N/A	Please see your Pro/Engineer requirements
ADAMS/SDK Solver	10.20.09	c89 10.32.16, aCC 1.18	N/A

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

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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	N/A
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
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.
ADAMS/SDK Solver	All	N/A

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Memory Requirements: (MBytes)	Minimum	256.0
	Recommended	512.0
Disk Space Requirements: (MBytes)	ADAMS/Pre	120.0
	ADAMS/Rail	25.0
	MECHANISM/Pro Iface Only (v21.0)	35.0
	ADAMS/Animation	62.0
	ADAMS/Flex	21.0
	CAT/ADAMS Interface Only	12.0
	ADAMS/Controls	9.0
	ADAMS/SDK Solver	38.0
	ADAMS/Car Interface	105.0
	ADAMS/Solver Task	3.0
	ADAMS/View	86.0
	ADAMS/PostProcessor	9.0
	ADAMS/Hydraulics	17.0
	ADAMS/Engine	37.0
ADAMS/Insight	2.0	
Miscellaneous	100.0	
	Total	681.0

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