

Hardware/Software Specifications

Platform Models: Power  
Power2  
Power3  
PowerPC

Supported Graphics Environments: X11(Common Desktop Environment), OpenGL

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/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
	CAT/ADAMS Interface Only	10.1
	ADAMS/SDK Solver	10.1

Demo passwords are available for this platform family.

Supported/Required Software Environments:

<u>Software Product</u>	<u>Fortran Specs</u>	<u>C Specs</u>	<u>Graphics Software Requirements</u>
ADAMS/Solver Task	6.1	3.6.6	X11 sharable libraries
ADAMS/View	6.1	3.6.6	X11(CDE), OpenGL sharable libraries
ADAMS/PostProcessor	N/A	N/A	X11, OpenGL Sharable Libraries
ADAMS/Car Interface	6.1	3.6.6	X11, OpenGL sharable libraries
ADAMS/Engine	6.1	3.6.6	X11, OpenGL sharable libraries
ADAMS/Hydraulics	6.1	3.6.6	X11, OpenGL sharable libraries
ADAMS/Insight	N/A	N/A	X11
ADAMS/Rail	6.1	3.6.6	X11, OpenGL sharable libraries
CAT/ADAMS Interface Only	N/A	N/A	Please see your CATIA requirements
ADAMS/SDK Solver	6.1	3.6.6	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/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
CAT/ADAMS Interface Only	All	Please see your CATIA requirements
ADAMS/SDK Solver	All	N/A

Memory Requirements: (MBytes)	Minimum	256.0
	Recommended	512.0
Disk Space Requirements: (MBytes)	ADAMS/Rail	20.0
	ADAMS/Flex	21.0
	CAT/ADAMS Interface Only	18.0
	ADAMS/SDK Solver	55.0
	ADAMS/Car Interface	100.0
	ADAMS/Solver Task	2.0
	ADAMS/View	81.0
	ADAMS/PostProcessor	9.0
	ADAMS/Hydraulics	16.0
	ADAMS/Engine	31.0
	ADAMS/Insight	2.0
Miscellaneous	152.0	
	<b>Total</b>	<b>507.0</b>

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### General Hardware Requirements:

- Swap Space: 400 Mbytes
- Distribution Media: CD-ROM
- Terminal: IBM Monitor
- Mouse: Required for graphics in all products
- Postscript printer and/or HPGL plotter required for hard copies in ADAMS/View

## 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 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 -l'. For example:

```
% uname -l  
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.

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Comments:

Creation of custom ADAMS/Car executables requires a C++ compiler.

Creation of custom ADAMS/View executables requires a C++ compiler.

Creation of custom ADAMS/Engine executables requires a C++ compiler.

Creation of custom ADAMS/View executables requires a C++ compiler.