

Hardware/Software Specifications

Platform Models: Octane(R10k, R12k)
Onyx2 (R10K, R12K)
Origin 200 (R10K, R12K)
Origin 2000 (R10K, R12K)
Power Challenge (R8K, R10K)
Power Indigo2 (R8K, R10K)
Power Onyx (R8K, R10K)

Supported Graphics Environments: X11/Motif, 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/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.

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	7.2.1	7.2.1	X11 sharable libraries
ADAMS/View	7.2.1	7.2.1	X11, Motif, OpenGL sharable libraries
ADAMS/PostProcessor	N/A	N/A	X11, OpenGL Sharable Libraries
ADAMS/Controls	7.2.1	7.2.1	N/A
ADAMS/Car Interface	7.2.1	7.2.1	X11, OpenGL sharable libraries
ADAMS/Engine	7.2.1	7.2.1	X11, OpenGL sharable libraries
ADAMS/Hydraulics	7.2.1	7.2.1	X11, OpenGL sharable libraries
ADAMS/Insight	N/A	7.2.1	X11
ADAMS/Rail	7.2.1	7.2.1	X11, OpenGL sharable libraries
ADAMS/Pre	7.2.1	7.2.1	X11 sharable libraries
ADAMS/RaceCar	N/A	N/A	Please see ADAMS/Pre requirements
ADAMS/Animation	N/A	N/A	X11, OpenGL sharable libraries, Image Format Library (ifl_eoe.sw.c++)
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	7.2.1	7.2.1	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	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 hardware 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

Hardware/Software Specifications

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)	120.0
	ADAMS/Animation	63.0
	ADAMS/Flex	21.0
	CAT/ADAMS Interface Only	28.0
	ADAMS/Controls	9.0
	ADAMS/SDK Solver	84.0
	ADAMS/Car Interface	104.0
	ADAMS/Solver Task	3.0
	ADAMS/View	85.0
	ADAMS/PostProcessor	7.0
	ADAMS/Hydraulics	17.0
	ADAMS/Engine	36.0
ADAMS/Insight	2.0	
Miscellaneous	180.0	
	<hr/>	
	Total	904.0

General Hardware Requirements:

- Swap Space: 400 Mbytes
- Distribution Media: CD-ROM
- Postscript printer and/or HPGL plotter required for hardcopies in ADAMS/View, and ADAMS/Vehicle

There are two types of IRIX 6.2 and 6.5: 32-bit, and 64-bit. Please enter the following commands to verify you are running on 64-bit IRIX 6.2 or 6.5

Command	Expected Return Value
-----	-----
uname	IRIX64
file /unix	The fifth field must be mips-4

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 'sysinfo -s'. For example:

```
% sysinfo -s  
  
1764568909
```

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:

This platform supports the R8000, and R10000 processors only
MDI strongly recommends you use the 7.2.1 compilers