

# Hardware Notes – SGI

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3DPAINT 2001						
Machine	O/S	Graphics Hardware	Driver Version	Date Supported or Certified	Release Datecode	Status
<b>Windows</b>						
ZX10 ZX10-VE	Windows 2000 Professional	3Dlabs Wildcat II 5110				Certified
	Windows NT 4.0	3Dlabs Wildcat II 5110				Certified
		3Dlabs Wildcat 4110				Certified
		3Dlabs Wildcat 4210				Certified
230 Visual Workstation 330 Visual Workstation 550 Visual Workstation	Windows NT 4.0	VR3				Certified
		VR7				Certified
320 Visual Workstation <sup>a</sup> 540 Visual Workstation <sup>a</sup>	Windows NT 4.0	Cobalt 1600 SW Flat Panel				Certified
<b>IRIX</b>						
Octane R10000	IRIX 6.5	MXI/EMXI				Certified
Indy R5000	IRIX 6.5	24-bit				Certified
		XZ				Certified
Indigo2 R10000	IRIX 6.5	XZ				Certified
		Extreme				Certified
		Solid IMPACT				Certified
		High IMPACT				Certified
		Maximum IMPACT				Certified
Indigo2 R8000	IRIX 6.5	XZ				Certified
		Extreme				Certified
O2 R5000, R10000	IRIX 6.5	CRM				Certified
<b>NOTES</b>						
<sup>a</sup> In 2000, PTC certified SGI's 320 and 540 Visual workstations on the NT platform. Unfortunately, SGI has since discontinued production of these machines. PTC and SGI have agreed to no longer certify these machines on Windows versions later than NT or future versions of PTC products. PTC will continue to support customers running these configurations by attempting to replicate problems on similar certified configurations.						
<ul style="list-style-type: none"> <li>▪ Window Managers for IRIX: Motif (mwm), 4Dwm</li> <li>▪ Graphics Software for IRIX: OpenGL, X-Windows</li> </ul>						

CDRS and Network Animator 2001						
Machine	O/S	Graphics Hardware	Driver Version	Date Supported or Certified	Release Datecode	Status
<b>Windows</b>						
ZX10 ZX10-VE	Windows 2000 Professional	3Dlabs Wildcat II 5110				Certified
	Windows NT 4.0	3Dlabs Wildcat II 5110				Certified
		3Dlabs Wildcat 4110				Certified
		3Dlabs Wildcat 4210				Certified

230 Visual Workstation	Windows NT 4.0	VR3				Certified
330 Visual Workstation		V7				Certified
550 Visual Workstation		VR7				Certified
320 Visual Workstation <sup>a</sup>	Windows NT 4.0	Cobalt 1600 SW Flat Panel				Certified
540 Visual Workstation <sup>a</sup>						

#### IRIX

Octane R10000	IRIX 6.5	MXI/EMXI				Certified
Indy R5000	IRIX 6.5	24-bit				Certified
		XZ				Certified
Indigo2 R8000	IRIX 6.5	XZ				Certified
		Extreme				Certified
Indigo2 R10000	IRIX 6.5	XZ				Certified
		Extreme				Certified
		Solid IMPACT				Certified
		High IMPACT				Certified
		Maximum IMPACT				Certified
O2 R5000, R10000	IRIX 6.5	CRM				Certified
ONYX2 R10000	IRIX 6.5	InfiniteReality2				Certified

#### NOTES

<sup>a</sup>In 2000, PTC certified SGI's 320 and 540 Visual workstations on the NT platform. Unfortunately, SGI has since discontinued production of these machines. PTC and SGI have agreed to no longer certify these machines on Windows versions later than NT or future versions of PTC products. PTC will continue to support customers running these configurations by attempting to replicate problems on similar certified configurations.

- Window Managers for IRIX: Motif (mwm), 4Dwm
- Graphics Software for IRIX: OpenGL, X-Windows

### Pro/ENGINEER Wildfire

Machine	O/S	Graphics Hardware	Driver Version	Date Supported or Certified	Release Datecode	Status
<b>Windows</b>						
ZX10 ZX10-VE	Windows 2000 Professional	3DLabs Wildcat 4110		16-Aug-02	2002280	Supported
		VR7		16-Aug-02	2002280	Supported
	Windows NT 4.0	3DLabs Wildcat 4110		16-Aug-02	2002280	Supported
		3DLabs Wildcat 4210		16-Aug-02	2002280	Supported
230 Visual Workstation 330 Visual Workstation 550 Visual Workstation	Windows 2000 Professional	V3		16-Aug-02	2002280	Supported
		VR3		16-Aug-02	2002280	Supported
		V7		16-Aug-02	2002280	Supported
		VR7		16-Aug-02	2002280	Supported
	Windows NT 4.0	V3		16-Aug-02	2002280	Supported
		VR3		16-Aug-02	2002280	Supported
		V7		16-Aug-02	2002280	Supported
		VR7		16-Aug-02	2002280	Supported
<b>IRIX</b>						
Tezro R16000	IRIX64 6.5.20	VPro V12	N/A	28-Jul-03	2003210	Certified
<sup>a</sup> Fuel R14000	IRIX64 6.5.15	VPro V10		16-Aug-02	2002280	Certified
		VPro V12		16-Aug-02	2002280	Certified
Octane2 R12000	IRIX64 6.5.10	VPro V6		16-Aug-02	2002280	Supported
		VPro V8		16-Aug-02	2002280	Supported
		VPro V10		16-Aug-02	2002280	Supported
		VPro V12		16-Aug-02	2002280	Supported
Octane R10000, R12000	IRIX64 6.5.10	SI/ESI		16-Aug-02	2002280	Supported
		SSI/ESSI		16-Aug-02	2002280	Supported
		MXI/EMXI		16-Aug-02	2002280	Supported

Octane CADduo R10000, R12000	IRIX64 6.5.10	SI		16-Aug-02	2002280	Supported
		MXI		16-Aug-02	2002280	Supported
Indigo2 R10000	IRIX64 6.5.10	Extreme		16-Aug-02	2002280	Supported
		Solid IMPACT		16-Aug-02	2002280	Supported
		High IMPACT		16-Aug-02	2002280	Supported
		Maximum IMPACT		16-Aug-02	2002280	Supported
Indigo2 R8000	IRIX64 6.5.10	Extreme		16-Aug-02	2002280	Supported
Onyx2 R10000	IRIX64 6.5.10	Infinite Reality		16-Aug-02	2002280	Supported
Origin200 R10000, R12000 Origin2000 R10000, R12000 Challenge R10000 <b>Server Only (Not Client)</b>	IRIX64 6.5.10	Not applicable	Not applicable	16-Aug-02	2002280	Supported

#### NOTES

<sup>a</sup>Support for Fuel is available in IRIX 6.5.15 and later versions. For IRIX 6.5.15, patch 4487 is required. For IRIX 6.5.19, patch 4997 is required.

- Window Managers for IRIX: Motif (mwm), 4Dwm
- Graphics Software for IRIX: OpenGL, X-Windows
- To determine which OS you are running, use the "uname -aR" command.
- For the Wildfire release, only the (64-bit) sgi\_elf4 platform type is supported. The (n32-bit) sgi\_mips4 platform type is not supported in this release.

### Pro/INTRALINK Data Server Release 3.3

### Pro/INTRALINK Client Server Release 3.3

Machine	O/S	Graphics Hardware	Driver Version	Date Supported or Certified	Release Datecode	Status
<b>Windows</b>						
ZX10 ZX10-VE	Windows 2000 Professional	3Dlabs Wildcat 4110		16-Aug-02	2002280	Supported
		VR7		16-Aug-02	2002280	Supported
	Windows NT 4.0	3Dlabs Wildcat 4110		16-Aug-02	2002280	Supported
		3Dlabs Wildcat 4210		16-Aug-02	2002280	Supported
230 Visual Workstation 330 Visual Workstation 550 Visual Workstation	Windows 2000 Professional	NVIDIA Quadro		16-Aug-02	2002280	Supported
		VR3		16-Aug-02	2002280	Supported
		V7		16-Aug-02	2002280	Supported
		VR7		16-Aug-02	2002280	Supported
	Windows NT 4.0	V3		16-Aug-02	2002280	Supported
		VR3		16-Aug-02	2002280	Supported
		V7		16-Aug-02	2002280	Supported
		VR7		16-Aug-02	2002280	Supported
<b>IRIX</b>						
<sup>a</sup> Fuel R14000	IRIX64 6.5.15	VPro V10		16-Aug-02	2002280	Supported
		VPro V12		16-Aug-02	2002280	Supported
Octane2 R12000	IRIX64 6.5.10	VPro V6		16-Aug-02	2002280	Supported
		VPro V8		16-Aug-02	2002280	Supported
		VPro V10		16-Aug-02	2002280	Supported
		VPro V12		16-Aug-02	2002280	Supported
Octane R10000, R12000	IRIX64 6.5.10	SI/ESI		16-Aug-02	2002280	Supported
		SSI/ESSI		16-Aug-02	2002280	Supported
		MXI/EMXI		16-Aug-02	2002280	Supported
	IRIX64 6.5.10	SI		16-Aug-02	2002280	Supported

Octane CADduo R10000, R12000 CADduo	IRIX64 6.5.10	SI		16-Aug-02	2002280	Supported
Indigo2 CADduo R10000, R12000 CADduo	IRIX64 6.5.10	Extreme		16-Aug-02	2002280	Supported
		Solid IMPACT		16-Aug-02	2002280	Supported
		High IMPACT		16-Aug-02	2002280	Supported
		Maximum IMPACT		16-Aug-02	2002280	Supported
Indigo2 R8000	IRIX64 6.5.10	Extreme		16-Aug-02	2002280	Supported
Onyx2 R10000	IRIX64 6.5.10	Infinite Reality		16-Aug-02	2002280	Supported
Origin200 R10000, R12000 Origin2000 R10000, R12000 Challenge R10000 <b>Server Only (Not Client)</b>	IRIX64 6.5.10	Not applicable	Not applicable	16-Aug-02	2002280	Supported

### NOTES

<sup>a</sup>Support for Fuel is available in IRIX 6.5.15 and later versions. If using IRIX 6.5.15 for Fuel, patch 4487 is required.

- Window Managers for IRIX: Motif (mwm), 4Dwm
- Graphics Software for IRIX: OpenGL, X-Windows
- The latest version of JRE 1.1.8 and its associated patches must be installed on the computer before installing **Pro/INTRALINK 2000230 or 2000231**. For information about how to download JRE and its patches, go to <http://www.sgi.com/products/evaluation/>
- The following libraries, located in the /usr/lib or /usr/lib32 directory, are required prior to installing Pro/INTRALINK: libsocket.so, libnsi.so. If these libraries are not present, they can be added by installing the following subsystems onto the workstation: For IRIX 6.2: eoe.sw.svr4net**
- To determine which OS you are running, use the "uname -aR" command.
- For the Wildfire release, only the (64-bit) sgi\_elf4 platform type is supported. The (n32-bit) sgi\_mips4 platform type is not supported in this release.

### Pro/MECHANICA Wildfire

Machine	O/S	Graphics Hardware	Driver Version	Date Supported or Certified	Release Datecode	Status
<b>Windows</b>						
ZX10 ZX10-VE	Windows 2000 Professional	3DLabs Wildcat 4110		16-Aug-02	2002280	Supported
		VR7		16-Aug-02	2002280	Supported
	Windows NT 4.0	3DLabs Wildcat 4110		16-Aug-02	2002280	Supported
		3DLabs Wildcat 4210		16-Aug-02	2002280	Supported
230 Visual Workstation 330 Visual Workstation 550 Visual Workstation	Windows NT 4.0	NVIDIA Quadro	SI/SE	16-Aug-02	2002280	Supported
<b>IRIX</b>						
<sup>a</sup> Fuel R14000	IRIX64 6.5.15	VPro V10		16-Aug-02	2002280	Certified
		VPro V12		16-Aug-02	2002280	Certified
Octane2 R12000	IRIX64 6.5.10	VPro V6		16-Aug-02	2002280	Supported
		VPro V8		16-Aug-02	2002280	Supported
		VPro V10		16-Aug-02	2002280	Supported
		VPro V12		16-Aug-02	2002280	Supported
Octane R10000, R12000	IRIX64 6.5.10	SI/ESSI		16-Aug-02	2002280	Supported
		SSI/ESSI		16-Aug-02	2002280	Supported
		MXI/EMXI		16-Aug-02	2002280	Supported
Octane CADduo R10000, R12000	IRIX64 6.5.10	SI		16-Aug-02	2002280	Supported
		MXI		16-Aug-02	2002280	Supported
		Extreme		16-Aug-02	2002280	Supported

		Solid IMPACT		16-Aug-02	2002280	Supported
		High IMPACT		16-Aug-02	2002280	Supported
		Maximum IMPACT		16-Aug-02	2002280	Supported
Indigo2 R8000	IRIX64 6.5.10	Extreme		16-Aug-02	2002280	Supported
Origin200 R10000, R12000 Origin2000 R10000, R12000 Challenge R10000 <b>Server Only (Not Client)</b>	IRIX64 6.5.10	Not applicable	Not applicable	16-Aug-02	2002280	Supported

#### NOTES

<sup>a</sup>Support for Fuel is available in IRIX 6.5.15 and later versions. If using IRIX 6.5.15 for Fuel, patch 4487 is required.

- Window Managers for IRIX: Motif (mwm), 4Dwm
- Graphics Software for IRIX: OpenGL, X-Windows
- To determine which OS you are running, use the "uname -aR" command.
- For the Wildfire release, only the (64-bit) sgi\_elf4 platform type is supported. The (n32-bit) sgi\_mips4 platform type is not supported in this release.

## Operating System Requirements

The tables below provide information about SGI software and maintenance releases that may be required to run PTC software with different versions of IRIX.

Maintenance releases can be obtained from SGI Customer Service (1-800-800-4744), or the SGI support website at: <http://support.sgi.com>.

### IRIX 6.5 Requirements

SGI Software	Description
IRIX 6.5	Required - base operating system
ONC/NFS	Optional - NFS support
oe.sw.optinput	Spaceball, Wacom tablet support (optional)
<b>The following patchsets are required for all products and graphics</b>	
Patchset	Description
IRIX 6.5.X	IRIX 6.5 Maintenance Release (version X - the latest version)
MIPSpro 7.2.1.3m or later	Compiler Maintenance Release (for systems with compilers)

#### NOTES

- Maintenance Releases in IRIX 6.5 are like patchsets in earlier IRIX versions. Newer versions are released periodically and are tested & certified by PTC. New versions should be used in favor of older maintenance releases.