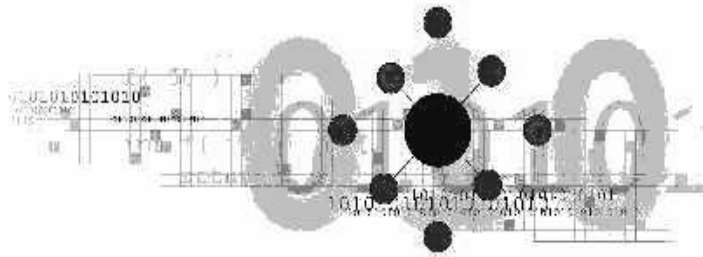




## IRIX® 6.5.2 Update Guide





This is your Silicon Graphics *IRIX 6.5.2 Update Guide*.  
This booklet contains:

- A letter to you, the customer
- A list of changes to IRIX
- A description of the update kit contents
- A list of new IRIX 6.5.2 software available on the Web
  - IRIX applications
  - DCE
  - MIPSpro 7.2.1 Maintenance Release
  - RoboInst
  - Teleffect



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Dear Valued Customer:

Silicon Graphics is pleased to present the new IRIX 6.5.2 maintenance and feature release. Starting with IRIX 6.5, Silicon Graphics created a new software upgrade release strategy to deliver both the maintenance (6.5.2m) and feature (6.5.2f) streams. This upgrade is part of a family of releases that enhances IRIX 6.5.

There are several benefits to this strategy: it provides periodic fixes to IRIX, it assists in managing upgrades, and it supports all platforms. Most importantly, system administrators can maintain just one network distribution or set of CDs to support all Silicon Graphics systems and peripherals at their site.

Additional information on this strategy and how it affects you is included in the **updated IRIX Installation Instructions** manual contained in this package. With this letter, you have received either the IRIX 6.5.2 Workstation Update or the IRIX 6.5.2 Server/Workstation Update. These updates differ only in accessory software. What you receive is dependent upon your system type.

We anticipate that one set of the CDs is all you will need. However, if you are entitled to additional copies, please contact your local support provider with the serial numbers of the systems and you will receive additional copies.

If you need further assistance, please visit the Supportfolio Online Website at <http://support.sgi.com/> or contact your local support provider. For a listing of worldwide technical assistance centers, see <http://www.sgi.com/support>.

Thank you for your continued commitment to Silicon Graphics.

Sincerely,

A handwritten signature in black ink, appearing to read "Jorge Helmer". The signature is written in a cursive style with a large initial "J" and a long, sweeping underline.

Jorge Helmer  
Vice President & General Manager  
Customer Support Division  
Silicon Graphics Computer Systems

## **Changes to IRIX Available With This Update**

Notable hardware support, software features, and fixes in IRIX 6.5.2 include:

### **New Hardware Support in Maintenance and Feature Streams**

- Flat panel monitor for O2 systems
- 16 pipe support
- GSN network adapter
- Gigabit Ethernet for OCTANE and Origin systems (initially supported in 6.5.1)
- 128 p Metarouter for CRAY Origin2000 systems (initially supported in 6.5.1)
- Dual channel display option for O2 systems (initially supported in 6.5.1)
- XR hardware for InfiniteReality2E (initially supported in 6.5.1)
- 225QC for Origin200 server (initially supported in 6.5.1)

**Software (Available on the Feature Stream Only)**

- Motif 2.1 and IRIS ViewKit 2.1
- IRIX Oplock support
- Support for non-EUC encoding and locales (sjis/big5/gbk/utf8)

**On Both Maintenance and Feature Streams**

- AutoFS extended to use UNS for map information
- Support for DCShare application sharing extension
- Fibre Channel support to Dmnet
- Three new Hewlett Packard printer drivers

Below is a list of the software associated with each update package.

<b>Product Name</b>	<b>Server</b>	<b>Workstation</b>
IRIX 6.5.2 (1 of 2) Installation Tools & Overlays CD, November 98	✓	✓
IRIX 6.5.2 (2 of 2) Overlays CD, November 98	✓	✓
IRIX Applications for 6.5, November 98	✓	✓
CA Unicenter TNG Framework	✓	
Database Accelerator	✓	

## **IRIX 6.5.2 Software Available on the Web**

IRIX Applications for IRIX 6.2, IRIX 6.3, and IRIX 6.4:

The table below lists the software located on the IRIX 6.2, 6.3, and 6.4 application CDs that have had revisions made to them. Any product marked as “Web” is currently available via The Download Cool Software (DCS) page, located at <http://www.sgi.com/Products/Evaluation>.

Please check this URL frequently, because other product releases may be added. If you require a CD for one of the listed applications, please contact your local service provider and request the appropriate (CD) version from the list below.

IRIX APPS NOV 98 6.4	part number 812-0878-001
IRIX APPS NOV 98 6.3	part number 812-0879-001
IRIX APPS NOV 98 6.2	part number 812-0880-001



<b>IRIX Applications for IRIX</b>	<b>Web</b>	<b>6.2</b>	<b>6.3</b>	<b>6.4</b>
Array Services 3.1	✓			✓
CosmoCreate 1.0.3	✓	✓	✓	
Customer Registration 1.5		✓		
Customer Registration 1.5.1			✓	
Customer Registration 1.5.2				✓
Impressario 2.3.2		✓		
Internet Gateway Execution Environment 3.1		✓	✓	✓
IRIS InSight 3.2		✓	✓	✓
IRIS InSight Dynaweb Server 3.2		✓	✓	✓
IRIS InSight Development Environment 3.2		✓	✓	✓
Java Execution Environment 3.1.1	✓	✓	✓	✓
License Tools 3.3.1	✓		✓	✓
License Tools 3.4		✓		
Netscape 4.07		✓	✓	✓
Netscape Lite 4.07		✓	✓	✓
Netscape FastTrack Server 3.02a	✓	✓	✓	✓
Printing Tools 1.8.2		✓		
Runtime Plug-in for IRIX, Java Edition 1.1.1	✓	✓	✓	✓
WebSetup 3.1.1		✓	✓	✓
WebSupport 1.2.1		✓	✓	✓
WebViewer Library 2.04		✓		

## **DCE**

The DCE/DFS 1.2.2 client is available for IRIX 6.5.2. The client includes support for threads (running on POSIX threads), rpc, time, security, CDS, and DFS. The security component is based on Kerberos V and will interoperate with Kerberos V servers. The DFS client provides fast cache-based access to remote data. The DCE/DFS client for IRIX 6.5.2 has been tested using servers from IBM, Hewlett Packard, Transarc, and others.

Available at <http://www.sgi.com/Products/Evaluation>

## **MIPSpro 7.2.1.2m**

The MIPSpro 7.2.1.2m maintenance release is the second update release containing bug fixes for the MIPSpro 7.2.1 Compilers development and front-end products. Overlay images for Compiler Runtime Library fixes such as `ftn_eoe` and `compiler_eoe` are shipped separately with the IRIX 6.5.2m/f maintenance and feature releases.

Available at  
<http://support.sgi.com/surfzone/patches/relstream/index.html>

### **RoboInst**

Your IRIX 6.5.2 Installation Tools CD includes the RoboInst software. RoboInst is a software tool to automate software installation on networked computer systems. Refer to the *IRIX Installation and Licensing* book and the RoboInst release notes.

Use Key-O-Matic to obtain free trial license passwords for this product. Key-O-Matic automatically issues evaluation licenses from its licensing Web site. Go to <http://www.sgi.com/Support/Licensing/> and follow the Evaluation\Emergency link. Then send a blank message to [demolicense@sgi.com](mailto:demolicense@sgi.com) for a license request template.

### **Teleffect**

Teleffect is a program that allows you to control a group of networked computers using the keyboard and mouse attached to one of the computers. This creates the effect of having one giant desktop that spans multiple monitors. When the mouse moves off the right-hand edge of one connected screen it appears on the left-hand edge of the next connected screen. Text that has been cut on one system may be pasted on any connected system. Teleffect 1.0 supports Microsoft Windows NT 4.0 Service Pack 3 and Silicon Graphics IRIX versions 6.2, 6.3, 6.4, and 6.5.

Available at <http://www.sgi.com/Products/Evaluation>

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