Glossary

1000

See IRIS 1000

2000

See IRIS 2000

3000

See IRIS 3000

4D

See IRIS 4D

6U

width of 6 unit wide VME bus board

9U

width of 9 unit wide VME bus board

AL

Audio Library

ASD

Advanced System Division - home of VGX, Reality Engine, Onyx and CHALLENGE products

ATM

Asynchronous Transfer Mode

BVO

Broadcast Video Option

Blackjack

Internal name for IP20; Indigo R4000

BlueLight

PI with a 15" 1024x768 display

CCIR-601

Component digital video format; aka D1, aka 4:2:2

CD-ROM

Compact Disk - Read Only Memory

CG2

Genlock and Composite Video Option (9U) ASD machines only

CG3

Genlock and Composite Video Option (6U) ASD and ESD machines

CISC

Complex Instruction Set Computer

Clover1

IRIS 4D/G; pre GT graphics

Clover2

IRIS 4D/GT 4D/GTX graphics

Crimson

SGI's first R4000 system from ASD

Cypress

Internal name for IRIX 4.0 project

D1

Component digital video format

D2

Composite digital video format

DAT

Digital Audio Tape

DID

Display ID, determines pixels display mode

DMA

Direct Memory Access

DSP

Digital Signal Processing

Da Vinci

PI 24-bitplane graphics without Z-buffer

Diehard

The code name for the Single Tower chassis

Diehard2
The code name for the Crimson chassis

EEPROM
Electrically Erasable PROM

EFS
Extent File System; the native IRIX file system

EISA
Extended Industry Standard Architecture

EMI
Electro-Magnetic Interference

EMR
Electro-Magnetic Radiation

EOE
Execution Only Environment

EPROM
Erasable PROM

EPSF
Encapsulated PostScript

ESD
Electro-Static Discharge, also Entry Systems Division (the birthplace of the Personal IRIS)

Eclipse
internal name for the PI

Elan
4 GE version of the Express graphics system

EntryGraphics
Internal name for Starter Graphics

EverestMP
R4000/R4400 system

Express
high-performance graphics system for Indigo and 4D/35 which became known as XS, XS24, XZ, Elan and Extreme.

Extreme
8 GE version of Express graphics system

FAQ
Frequently Asked Question; or summary of answers to FAQ's

FDDI
Fiber Distributed Data Interconnect

Fullhouse
Indigo 2; SGI machine with EISA bus.

GE
Geometry Engine

GIO
Graphics I/O Bus

GL
Graphics Library

Guinness
Former internal name for Indy

HZ
Hertz; cycles per second

Hollywood
Internal name for Indigo system

IDB
Image Database; as in inst idb tags

IDO
IRIX Development Option

IEC
The International Electrotechnical Commission (Swiss Name)

IHV
Independent Hardware Vendor

IL
ImageVision Library

IM
IRIS InterfaceMaker; Name for SGI's Motif port

INITTAB

Initialize Network interfaces, ttys, and bring-up.

IO1

Input/Output Board

IO2

Input/Output Board

IO3

Input/Output Board

IO4

Input/Output Board

IP

Internet Protocol

IP

Iris Processor

IP

Instruction Processor

IP10

20MHz PI processor (4D/25)

IP12

The processor board for the Magnum 4D30 (30MHz) and 4D35 (~37MHz) and the Indigo (30MHz)

IP13

2x33MHz R3000A multiprocessor for 4D/300 series

IP15

2x40MHz R3000A multiprocessor for 4D/400 series

IP17

50MHz R4000 processor board for Crimson (4D/510)

IP19

Everest multiprocessor board

IP20

50MHz R4000 processor board for Indigo, aka Blackjack

IP22

Indigo^2 processor board

IP24

Guinness (Indy) Processor Board

IP26

Power Indigo^2 (R8000 based Indigo^2)

IP27

Origin2000 and Onyx2 processor

IP28

Indigo^2 R10K processor

IP29

Origin200 processor

IP30

OCTANE processor

IP32

O2 processor

IP4

12MHz R2000A processor board for 4D/70 (Clover)

IP4.5

16.7MHz R2000A processor board for 4D/80

IP5

2x16.7MHz R3000[A] multiprocessor board (4D/120)

IP6

12.5MHz R3000 PI processor (4D/20)

IP7

2x25MHz R3000A multiprocessor for 4D/200 series

IP9

25MHz R3000A processor for 4D/210

IRIS

Integrated Raster Imaging System: a generic name for Silicon Graphics workstations

IRIS 1000

Marketing name for the first Silicon Graphics line of graphics terminals and workstations; Motorola 68010 based

IRIS 2000

Marketing name for the second generation of workstations; chief enhancement was a new graphics subsystem; successor to the IRIS 1000 product line

IRIS 3000

Marketing name for the last line of workstations that used the Motorola 68000 series processors (specifically the 68020); the successor to the IRIS 2000 product line

IRIS 4D

Marketing name for the line of systems that first used the MIPS RISC processor; the successor to the IRIS 3000 product line

IRIX

IRIS Unix; SGI's version of ATT System V Unix

ISDN

Integrated Services Digital Network; It Still Does Nothing

ISM

Inst Selectable Module; any installable software package

ISV

Independent Software Vendor

Indigo

IRIS Indigo workstation (also, that family of workstations)

Indy

SGI's low-end Indigo-family machine

Inst

Our IRIX software installation program

JPEG

An image compression standard; Joint Photographic Experts Group

Juniper

3000 Product Internal Code Name

kb

Kilo byte

LE

Little Endian

Lego

Internal name for Origin2000 and Onyx2 systems

LG1

see bluelight

lg1

Starter graphics hardware name, appears in code

Lonestar

Internal name for IP17 (Crimson) project

MCO

Multi-Channel Option, the VS2

MG1

board name for Grinch

MII

Panasonic version of Betacam; aka M2

MIPS

Million Instructions Per Second

Moosehead

Internal name for O2

MP

Multi-processor system

MPEG

An movie compression standard; Motion Picture Experts Group

Magnum

System that used an IP12 processor in a modified PI chassis

Mirage

Venice graphics on Everest

NFS

Network file system

NIS

Network Information Service; Same as YP

Newport

graphics hardware for Guinness

Newpress

Indigo with 1 Newport head and 1 Express head

Ng1
Newport Graphics hardware, appears in code

OEM
Original Equipment Manufacturer

PCI
Peripheral Component Interconnect, a high speed bus

pel
See Pixel

PIO
Physical (raw) Input and/or Output

pixel
picture element

PS
PostScript page description language from Adobe

Predator
First rack mounted chassis for 4D series of workstations

R10K, R10000
MIPS R10000 processor

R3K
MIPS R3000 processor

R4K
MIPS R4000 processor, also applies to R4400 and R4600 processors

R5K
MIPS R5000 processor

R8K, R8000
MIPS R8000 processor

RE
RealityEngine

RE1
Raster Engine 1; graphics chip in GR1.1 PI

RE2
Raster Engine 2; graphics chip in GR1.2 PI

RGB
Red Green and Blue color model

RealityEngine
Venice graphics hardware

RISC
Reduced Instruction Set Computer

S-VHS
Super VHS; A consumer/industrial quality video tape format

S-Video
a 2-component video format; used by many Hi-8 and S-VHS decks

sec
Second

SGI
Silicon Graphics, Inc.; the mug and T-shirt company

SGI
Soka Gokai International

SIGGRAPH
ACM Special Interest Group for Computer Graphics

SMD
Storage Module Device

SNA
System Network Architecture

SONET
Synchronous Optical NETwork; Bellcore's optical transmission interface.

Speedo
Internal name for Origin200

Speedracer
Internal name for OCTANE

STREAMS
AT&T modular device driver interface

SV1
Internal designation for IndigoVideo product

SVID

System V Interface Description

SVR4

System 5 Unix Release 4 from USL

SW

Software

Shamrock

Clover1

Sherwood

IRIX 5.0 based on ATT SVR4 from USL

SkyWriter

Dual-headed 10-span VGXT or RealityEngine

Span

Vertical columns of pixels i.e., "10-span VGX"

Stapuft

Development name for VGX graphics

Starter

Lowest cost 1024x768 graphics system for Indigo, aka Entry Graphics

svideo

IDB designation for IndigoVideo software

T5

Next generation processor project, as far as we know;

TAC

Technical Assistance Center. Obsoleted by CSE

TCP

Transmission Control Protocol

TFLU

Totally Front Loadable Unit, refers to the second generation of Personal IRIS chassis where the main system disk (a 5 1/4" full height unit) was removable from the front of the unit be simply removing a plastic cover.

TFP

Twin peaks floating point

Terminator

The second generation rack chassis for the 4D series. First shipment with the Onyx and Challenge line

Top Hat

The part of the chassis skins that sit on the top of the system. Colors of the top hats often indicated the type of graphics subsystem installed.

Twin Peaks

High-performance floating point version of R4000

Ultra

8 GE version of the Express graphics system, a.k.a Extreme

V-LAN

Video-LAN; a product of Videomedia for controlling video device

VAD

Value Added Dealer

VAR

Value Added Reseller

VC

VideoCreator

VFR

VideoFramer

VFS

Virtual File System; SUN's file system switch architecture, used by SVR4

VGX

1990 highest end graphics machine

ViewKit

C++ Application Framework for building Motif Applications

VINO

Video in, no out; video chip for Guinness

VL

Video library

VL

VideoLab

VLI

Another name for VideoLab

VME

VersaModule Eurocard; 32-bit bus SGI machines use

VO1

VideoLab

VO2

Next generation VideoLab

VS1

VideoSplitter

VS2

VideoSplitter2

VTR

Video Tape Recorder

Venice

1992 highest end graphics machine

W4D

Part of Marketing code name for workstation OS

WORM

Write Once, Read Mostly

X

The X window system

XS

1 GE Express with 8-bit graphics

XS24

1 GE Express with 24-bit graphics

XS24Z

1 GE Express with 24-bit graphics and hardware z-buffer

XZ

2 GE Express

Xsgi

The Silicon Graphics X Server

YC

Luminance-Chrominance; a color system

YP

Yellow Pages; A distributed name service now called NIS

YUV

A color encoding scheme Y is perceived brightness, U and V are color difference signals