



ADDENDUM IN REFERENCE TO ORIGINAL IGX 8400 SERIES SWITCH EOL NOTICE 2548

Addendum Date	August 15, 2005
Effective Date	August 15, 2005
Original EOL Bulletin Announcement Date	August 01, 2004
Original Bulletin Information	Product Bulletin No. 2548

Cisco Systems® announces the end-of-sale and end-of-life dates for the Cisco® IGX 8400 Series switches. This is a two phased process; see Tables 1a and 2a for a description of the end-of-life milestones, definitions, and dates for the Cisco IGX 8400 Series.

The last day to order a Cisco IGX 8400 as a configured system (Phase 1) is July 31, 2005. This date is also the last day to order individual chassis, the network processor module (NPM), network trunk module (NTM), high-speed data module (HDM), and universal router module (URM) cards, and various other components listed in Table 1b.

The last day to order the remaining cards available for the Cisco IGX 8400 Series (Phase 2) and all other remaining components listed in Table 2b is April 30, 2006. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) until July 31, 2011.

Customers who desire to replace their Cisco IGX network with a next-generation ATM network are encouraged to migrate to the Cisco MGX® 8800 Series Switch, which delivers increased capacity, lower price per port, and transparent Multiprotocol Label Switching (MPLS) integration. Information about the Cisco MGX 8800 Series can be found at:

<http://www.cisco.com/en/US/products/hw/switches/ps1938/index.html>. Table 3 provides relevant information for migrating from the Cisco IGX 8400 Series to the MGX 8800 Series.

Customers who desire to replace their Cisco IGX network with an IP solution can choose any of Cisco's routing platforms. In cases of a planned, gradual migration, customers can opt to install a new IP core network and provide IP tunnels to the Cisco IGX network as a means of transporting inter-IGX trunk traffic. Two technologies are available to customers choosing this route: Any Transport over MPLS (AToM), and Layer 2 Tunneling Protocol version 3 (L2TPv3). Information about these technologies can be found at:

http://www.cisco.com/en/US/products/ps6603/products_ios_protocol_group_home.html.

PHASE 1: CONFIGURED SYSTEM, CHASSIS, NPM, NTM, HDM, AND URM END-OF-LIFE DATES

Table 1a

End-of-Life Milestones and Dates for the Cisco IGX 8400 Series Switch configured system (Phase 1)

Milestone	Definition	Date
End-of-life announcement date	The date the document that announces the end of sale and end of life of a product is distributed to the general public.	August 01, 2004
End-of-sale date	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	July 31, 2005
Last shipment date	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	October 31, 2005

Milestone	Definition	Date
End of software maintenance releases date	The last date that Cisco Engineering may release any final software maintenance releases or bug fixes. After this date, Cisco Engineering will no longer develop, repair, maintain, or test the product software.	July 31, 2006
End of routine failure analysis date	The last-possible date a routine failure analysis may be performed to determine the cause of product failure or defect.	July 31, 2006
End of new service attachment date	For equipment and software that is not covered by a service-and-support contract, this is the last date to order a new service-and-support contract or add the equipment and/or software to an existing service-and-support contract.	July 31, 2006
End of service contract renewal date	The last date to extend or renew a service contract for the product. The extension or renewal period cannot extend beyond the last date of support.	April 30, 2011
Last date of support	The last date to receive service and support for the product. After this date, all support services for the product are unavailable, and the product becomes obsolete.	July 31, 2011

Table 1b

Product Part Numbers Affected by This Announcement: (Phase 1)

End-of-Sale Product Part Number	Product Description
Cisco IGX 8400 Series Products	
IGX8410-RM	IGX 8410 8-slot chassis, rack mount, network processor module (NPM)-32, switch control module (SCM)
IGX8410-RM=	IGX 8410 rack mount AC or DC
IGX8410-SA	IGX 8410 8-slot chassis, standalone, NPM-32, SCM
IGX8410-SA=	IGX 8410 standalone AC or DC
IGX8420-RM	IGX 8420 16-slot chassis, rack mount, NPM-32, SCM
IGX8420-SA	IGX 8420 16-slot chassis, standalone, NPM-32, SCM
IGX8430-RM	IGX 8430 32-slot chassis, rack mount, NPM-32, SCM
IGX8430-SA	IGX 8430 32-slot chassis, standalone, NPM-32, SCM
IGX Power Supplies	
IGX8410-AC1	Single AC input power option rack for IGX 8410
IGX8410-AC2	Dual AC input power option rack for IGX 8410
IGX8410-PS-AC	400-watt power supply module for IGX 8410
IGX8410-PS-AC-R	400-watt power supply module for IGX 8410
IGX8410-DC-1	DC power option nonredundant for IGX 8410—includes 1 DC power entry module (PEM)
IGX8410-DC-2	DC power option redundant for IGX 8410—includes 2 DC PEM
IGX8420-AC2-1	Dual AC 875W power supply; single AC input (redundant)
IGX8420-AC2-2	Dual AC 875W power supply; dual AC input (redundant)
IGX8430-AC4-1	Quad AC 875W power supply; single AC input
IGX8430-AC4-2	Quad AC 875W power supply; dual AC input (redundant)
IGX-PEM	PEM-DC for IGX 8420/IGX 8430 one per shelf
IGX-PEM-BLANK	PEM—DC blank

End-of-Sale Product Part Number	Product Description
IGX Processor Group	
IGX-NPM-32-R	Redundant network processor module—32 MB dynamic random-access memory (DRAM)
IGX-NPM-32=	Network processor module—32 MB DRAM
IGX-NPM-64B	IGX network processor module—64 MB, Model B
IGX-NPM-64B=	IGX network processor module—64 MB, Model B
IGX-NPM-64B-R	Redundant IGX network processor module—64 MB, Model B
IGX-SCM=	System clock module with Ethernet and lower expansion card (LEC) back card
IGX Trunk Groups	
IGX-UXME-4-SMF	One IGX-enhanced universal switching module (UXME) with one BC-UAI-4-155-single-mode fiber (SMF)
IGX-UXME-4-MMF	One IGX-UXME with one BC-UAI-4-155-multimode fiber (MMF)
IGX-UXME-3-E3	One IGX-UXME with one BC-UAI-3-E3
IGX-UXME-6-E3	One IGX-UXME with one BC-UAI-6-E3
IGX-UXME-3-T3	One IGX-UXME with one BC-UAI-3-T3
IGX-UXME-6-T3	One IGX-UXME with one BC-UAI-6-T3
IGX-UXME-8-E1-BN	One IGX-UXME with one BC-UAI-8-E1-BNC
IGX-UXME-8-E1-DB	One IGX-UXME with one BC-UAI-8-E1-DB15
IGX-UXME-8-T1-DB	One IGX-UXME with one BC-UAI-8-T1-DB15
IGX-UXME	IGX 8410/20/30 ATM trunk or port front card—Model E
BC-UAI-2-155-SMF	2-port single-mode fiber (IR) 155Mbps back card
BC-UAI-4-155-SMF	4-port single-mode fiber (IR) 155Mbps back card
BC-UAI-4-155-MMF	4-port MMF 155 Mbps back card
BC-UAI-3-E3	3-port E3 back card
BC-UAI-6-E3	6-port E3 back card
BC-UAI-3-T3	3-port T3 back card
BC-UAI-6-T3	6-port T3 back card
BC-UAI-8-E1-BNC	8-port E1 back card with BNC connector
BC-UAI-8-E1-DB15	8-port E1 back card with DB15 connector
BC-UAI-8-T1-DB15	8-port T1 back card with DB15 connector
IGX-NTM	Network trunk module
IGX-NTM=	Network trunk module
BC-6271A-T1	Back card/T1 (BC-T1)
BC-6083A-SR	Back card/subrate (BC-SR)
BC-6083A-SR=	Back card/subrate (BC-SR)
BC-6171A-E1	Back card/E1 (BC-E1)
BC-6171A-E1=	Back card/E1 (BC-E1)
IGX Port Groups	

End-of-Sale Product Part Number	Product Description
IGX-HDM	High-speed synchronous data module
IGX-HDM=	High-speed synchronous data module
BC-5082A-V35	High-speed data module (HDM) back card/V.35 (SDI-V.35)
BC-5082A-V35=	HDM back card/V.35 (SDI-V.35)
BC-5083A-RS449	HDM back card/RS449 (SDI-RS449)
BC-5083A-RS449=	HDM back card/RS449 (SDI-RS449)
BC-5084B-RS232	HDM back card/RS232D (SDI-RS232D)
BC-5084B-RS232=	HDM back card/RS232D (SDI-RS232D)
IGX-URM	IGX universal router module (URM)
IGX-URM=	IGX universal router module
IGX-UFM-4C	Universal Frame Relay card (4 ports)
IGX-UFM-8C	Universal Frame Relay card (8 ports)
BC-UF1-8T1-DB15	UFM back card, 8 T1 ports with DB15 connectors
BC-UF1-8E1-DB15	UFM back card, 8 E1 ports with DB15 connectors
BC-UF1-8E1-BNC	UFM back card, 8 E1 ports with BNC connectors
IGX-UFM-U	Universal Frame Relay module (UFM)—unchannelized
BC-UF1-12V35	UFM-U back card, 12V35 ports
BC-UF1-12X21	UFM-U back card, 12X21 ports
BC-UF1-4HSSI	UFM-U back card, 4 HSSI ports
IGX-UVM	Universal voice module
BC-URI-2FE	URM back card, 2 Fast Ethernet ports
BC-URI-2FE=	URM back card, 2 Fast Ethernet ports
BC-URI-2FE2V-E1	URM back card, 2 Fast Ethernet, 2 E1 voice ports
BC-URI-2FE2V-E1=	URM back card, 2 Fast Ethernet, 2 E1 voice ports
BC-URI-2FE2V-T1	URM back card, 2 Fast Ethernet, 2 T1 voice ports
BC-URI-2FE2V-T1=	URM back card, 2 Fast Ethernet, 2 T1 voice ports
BC-UVI-2E1EC	UVM back card, 2 E1 ports with echo canceller
BC-UVI-2T1EC	UVM back card, 2 T1 ports with echo canceller
IGX Cables	
CAB-2V35FC	Cable for IGX-UFM-U 2-port V35 cable (female data communications equipment [DCE])
CAB-2V35MT	Cable for IGX-UFM-U 2-port V35 cable (male data terminal equipment [DTE])
CAB-2X21FC	Cable for IGX-UFM-U 2-port X21 cable (female DCE)
CAB-2X21MT	Cable for IGX-UFM-U 2-port X21 cable (male DTE)
CAB-HS1-DTE	High-Speed Serial Interface (HSSI) null modem cable for UFM-U and FRSM-HS1
CAB-Y-HS1	Y-Cable for IGX-UFM-U HSSI
CAB-Y-UF1	Y-redundancy cable for UFM-U (V.35 or X.21)
IGX Spares and Accessories	

End-of-Sale Product Part Number	Product Description
IGX8410-OVERPACK	Packaging, IGX 8410 overpack material
IGX8420-OVERPACK	Packaging, IGX 8420 overpack material
IGX8430-OVERPACK	Packaging, IGX 8430 overpack material
IGX8410-SA-RM-UPGD	IGX 8410 standalone to Rack Mount Upgrade Kit
IGX8420-RM-CHAS=	IGX 8420 chassis includes cardcage, fan tray, plenum, PEM
IGX8420-SA-CHAS=	IGX 8420 standalone chassis
IGX8420-30-AC-UPG	IGX 8420 to IGX 8430 Rack Mount Upgrade AC
IGX8430-RM-CHAS=	IGX 8430 chassis includes cardcage, fan tray, plenum, PEM
IGX8430-SA-CHAS=	IGX 8430 standalone chassis
IGX8410-COOL=	IGX 8410 cooling unit and fan tray
IGX8430-CONNECTOR=	IGX 8430 terminator connector and filler back card
IGX8430-SA-RM-UPGD	IGX 8430 standalone to Rack Mount Upgrade Kit
IGX-UCOOL=	IGX 8420 or IGX 8430 upper cooling unit
IGX-LCOOL=	IGX 8420 or IGX 8430 lower cooling unit
IGX-PLENUM=	Exhaust Plenum for IGX 8420 or IGX 8430
IGX-BUS=	SCM/NPM local (utility) bus
IGX Feature Licenses	
IGX-FS-UFM	Foresight license for each UFM
IGX8410-LIC-RPS	RPS software license for IGX 8410
IGX-LIC-RPS	RPS software license for IGX8420,IGX8430, IGX8450
IGX-LIC-CSR	Configuration save and restore software license
IGX-LIC-MUC	Multiuser configuration sessions

PHASE 2: REMAINING CARDS AND SPARES END-OF-LIFE DATA

Table 2a

End-of-Life Milestones and Dates for the Cisco IGX 8400 Series Spares (Phase 2)

Milestone	Definition	Date
End-of-life announcement date	The date the document that announces the end of sale and end of life of a product is distributed to the general public.	August 01, 2004
End-of-sale date	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	April 30, 2006
Last shipment date	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	July 1, 2006
End of software maintenance releases date	The last date that Cisco Engineering may release any final software maintenance releases or bug fixes. After this date, Cisco Engineering will no longer develop, repair, maintain, or test the product software.	July 31, 2007
End of routine failure analysis date	The last possible date a routine failure analysis may be performed to determine the cause of product failure or defect.	July 31, 2007
End of new service attachment date	For equipment and software that is not covered by a service-and-support contract, this is the last date to order a new service-and-	July 31, 2007

Milestone	Definition	Date
	support contract or add the equipment and/or software to an existing service-and-support contract.	
End of service contract renewal date	The last date to extend or renew a service contract for the product. The extension or renewal period cannot extend beyond the last date of support.	April 30, 2011
Last date of support	The last date to receive service and support for the product. After this date, all support services for the product are unavailable, and the product becomes obsolete.	July 31, 2011

* Revised Date, was July 31, 2006

** Revised Date, was October 31, 2006

Table 2b

Product Part Numbers Affected by This Announcement: (Phase 2)

End-of-Sale Product Part Number	Product Description
IGX Power Supplies	
IGX8410-AC1=	Single AC input power option rack for IGX 8410
IGX8410-AC2=	Dual AC input power option rack for IGX 8410
IGX8410-PS-AC=	400 W power supply module for IGX 8410
IGX8410-DC-1=	DC power option Nonredundant for IGX 8410
IGX8410-DC-2=	DC power option redundant for IGX 8410
IGX8420-AC2-1=	Dual AC 875W power supply; single AC input (redundant)
IGX8420-AC2-2=	Dual AC 875W power supply; dual AC input (redundant)
IGX8430-AC4-2=	Quad AC 875W power supply; dual AC input (redundant)
IGX-PEM=	Power entry module-DC for IGX 8420/IGX 8430 one per shelf
IGX-PEMBC=	PEM back card—DC for IGX 8420 or IGX 8430
IGX-PS-AC=	Additional 875W AC power supply for IGX 8420 and IGX 8430
IGX Trunk Groups	
IGX-UXME-2-SMF=	One IGX-UXME with one BC-UAI-2-155-SMF
IGX-UXME-4-SMF=	One IGX-UXME with one BC-UAI-4-155-SMF
IGX-UXME-4-MMF=	One IGX-UXME with one BC-UAI-4-155-MMF
IGX-UXME-3-E3=	One IGX-UXME with one BC-UAI-3-E3
IGX-UXME-6-E3=	One IGX-UXME with one BC-UAI-6-E3
IGX-UXME-3-T3=	One IGX-UXME with one BC-UAI-3-T3
IGX-UXME-6-T3=	One IGX-UXME with one BC-UAI-6-T3
IGX-UXME-8-E1-BN=	One IGX-UXME with one BC-UAI-8-E1-BNC
IGX-UXME-8-E1-DB=	One IGX-UXME with one BC-UAI-8-E1-DB15
IGX-UXME-8-T1-DB=	One IGX-UXME with one BC-UAI-8-T1-DB15
IGX-UXME=	IGX 8410/20/30 ATM trunk or port front card—Model E

End-of-Sale Product Part Number	Product Description
BC-UAI-2-155-SMF=	2-port single mode fiber (IR) 155-Mbps back card
BC-UAI-4-155-SMF=	4-port single mode fiber (IR) 155-Mbps back card
BC-UAI-4-155-MMF=	4-port multimode fiber 155-Mbps back card
BC-UAI-3-E3=	3-port E3 back card
BC-UAI-6-E3=	6-port E3 back card
BC-UAI-3-T3=	3-port T3 back card
BC-UAI-6-T3=	6-port T3 back card
BC-UAI-8-E1-BNC=	8-port E1 back card with BNC connector
BC-UAI-8-E1-DB15=	8-port E1 back card with DB15 connector
BC-UAI-8-T1-DB15=	8-port T1 back card with DB15 connector
IGX Port Groups	
IGX-UFM-4C=	Universal Frame Relay card (4 ports)
IGX-UFM-8C=	Universal Frame Relay card (8 ports)
BC-UFI-8T1-DB15=	UFM back card, 8 T1 ports with DB15 connectors
BC-UFI-8E1-DB15=	UFM back card, 8 E1 ports with DB15 connectors
BC-UFI-8E1-BNC=	UFM back card, 8 E1 ports with BNC connectors
IGX-UFM-8C-UPG	UFM-4C to UFM-8C upgrade
IGX-UFM-U=	Universal Frame Relay Module—unchannelized
BC-UFI-12V35=	UFM-U back card, 12V35 ports
BC-UFI-12X21=	UFM-U back card, 12X21 ports
BC-UFI-4HSSI=	UFM-U back card, 4 HSSI ports
IGX-UVM=	Universal voice module
BC-UVI-2E1EC=	UVM back card, 2 E1 ports with echo canceller
BC-UVI-2T1EC=	UVM back card, 2 T1 ports with echo canceller
IGX Power Cords	
IGX8410-217884=	IGX 8410 power cord North America 8 feet 125V/15A
CAB-590071=	IGX/All,IPX16/32 power cord w/CEI 23-16/VII plug—Italy
CAB-590072=	IGX/All,IPX16/32 power cord w/CEE 7/7 plug—Europe
CAB-590074=	IGX/All,IPX 16/32 power cord w/BS 1363 plug-G.B and Ireland
CAB-590076=	IGX/All,IPX16/32 power cord w/NEMA L6-20 twistlock plug-NA/JP
IGX Cables	
CAB-2V35FC=	Cable for IGX-UFM-U 2 -port V35 cable (female DCE)
CAB-2V35MT=	Cable for IGX-UFM-U 2-port V35 cable (male DTE)
CAB-2X21FC=	Cable for IGX-UFM-U 2-port X21 cable (female DCE)
CAB-2X21MT=	Cable for IGX-UFM-U 2-port X21 cable (male DTE)
CAB-HS1-DTE=	HSSI null modem cable for UFM-U and FRSM-HS1
CAB-Y-HS1=	Y-cable for IGX-UFM-U HSSI



End-of-Sale Product Part Number	Product Description
CAB-Y-UF1=	Y-redundancy cable for UFM-U (V.35 or X.21)

End-of-Sale Product Part Number	Product Description
IGX Spares and Accessories	
FUSEKIT=	Backplane fuse and tool replacement kit
CAB-FOLDED=	Assembly cable/folded 100 SIG/500 HM
CAB-FAN-Y=	Fan power Y-cable
CAB-FAN-SHORT=	Fan power short cable
IGX-FP-BB=	IGX faceplate blank back spare
IGX-FP-BF=	IGX faceplate blank front spare
IGX Feature Licenses	
IGX-FS-UFM=	Foresight license for each UFM
IGX-LIC-CSR=	Configuration save and restore software license
IGX-LIC-MUC=	Multuser configuration sessions

PRODUCT MIGRATION OPTIONS

The recommended replacement for the Cisco IGX 8400 Series is the Cisco MGX 8800 Series (Table 3). The Cisco MGX 8850 Advanced ATM Multiservice Switch enables delivery of a complete portfolio of differentiated service offerings while scaling from DS0 to OC-48c/STM-16 speeds. In comparison with the Cisco IGX 8400 Series, the Cisco MGX 8800 Series delivers:

- Greater network scalability
- Higher port densities for all types of services
- Greatly improved price per port for all types of services
- Integration of high-performance MPLS services

Table 3
Product Comparisons

Feature	Cisco IGX 8400 Series	Cisco MGX 8800 Series
ATM	UXME module (T1 through OC3)	MPSM module (medium density T1 through OC3) AXSM module (high density T1 through OC48)
Frame Relay—serial	UFM-U module	FRSM-HS2/B module
Frame Relay—channelized	UFM-C module (T1/E1)	MPSM module (T1/E1 and T3/E3)
Voice	UVM module (1-port T1/E1 voice over FastPacket) URM module (2-port T1/E1 voice over IP [VoIP])	VISM module (8-port T1/E1 voice over ATM and VoIP) VXSM module (48-port T1/E1 or 4-port OC3 voice over ATM and VoIP)
Circuit emulation	HDM module (only for serial data up to 1344 kbps)	MPSM-8-T1E1 module (8-port T1/E1) Recommended to use Cisco modular access routers with NM-CES for low-speed data
Low-speed switch interconnect	NTM module (128 kbps through T1/E1)	MPSM (T1/E1)
IP routing and MPLS	URM module	Route processor module (RPM)

Customers can use the Cisco Technology Migration Plan (TMP) to trade in products and receive credit toward the purchase of new Cisco equipment. For more information about Cisco TMP, go to: <http://www.cisco.com/go/tradein/>. The Cisco TMP application requires all users to have a Cisco.com user ID.

FOR MORE INFORMATION

For more information about Cisco products, visit Cisco.com or contact your local account representative.

For more information about the Cisco End-of-Life Policy, go to:

http://www.cisco.com/en/US/products/prod_end_of_life.html

To subscribe to receive end-of-life/end-of-sale information please go to:

<http://www.cisco.com/cgi-bin/Support/FieldNoticeTool/field-notice>

CISCO SYSTEMS



Corporate Headquarters

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 526-4100

European Headquarters

Cisco Systems International
BV
Haarlerbergpark
Haarlerbergweg 13-19
1101 CH Amsterdam
The Netherlands
www-europe.cisco.com
Tel: 31 0 20 357 1000
Fax: 31 0 20 357 1100

Americas Headquarters

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-7660
Fax: 408 527-0883

Asia Pacific Headquarters

Cisco Systems, Inc.
168 Robinson Road
#28-01 Capital Tower
Singapore 068912
www.cisco.com
Tel: +65 6317 7777
Fax: +65 6317 7799

Cisco Systems has more than 200 offices in the following countries and regions. Addresses, phone numbers, and fax numbers are listed on **the Cisco Web site at www.cisco.com/go/offices.**

Argentina • Australia • Austria • Belgium • Brazil • Bulgaria • Canada • Chile • China PRC • Colombia • Costa Rica • Croatia • Cyprus Czech Republic • Denmark • Dubai, UAE • Finland • France • Germany • Greece • Hong Kong SAR • Hungary • India • Indonesia • Ireland • Israel Italy • Japan • Korea • Luxembourg • Malaysia • Mexico • The Netherlands • New Zealand • Norway • Peru • Philippines • Poland • Portugal Puerto Rico • Romania • Russia • Saudi Arabia • Scotland • Singapore • Slovakia • Slovenia • South Africa • Spain • Sweden • Switzerland • Taiwan Thailand • Turkey • Ukraine • United Kingdom • United States • Venezuela • Vietnam • Zimbabwe

Copyright © 2005 Cisco Systems, Inc. All rights reserved. Cisco, Cisco Systems, the Cisco Systems logo, and MGX are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or Web site are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0502R) 205239.BL_ETMG_MC_08.05

