PRODUCT BULLETIN 2905

END-OF-SALE AND END-OF-LIFE ANNOUNCEMENT FOR THE CISCO T1/E1, OC-3/STM-1, AND OC-12/STM-4 ATM SWITCHING SERVICE MODULES

Cisco Systems® announces the end-of-sale and end-of-life dates for the Cisco® T1/E1, OC-3c/STM-1, OC-12c/STM-4, and select applicable back cards. The last day to order these front and back cards is April 30, 2006. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) until October 15, 2011. Table 1 describes the end-of-life milestones, definitions, and dates for the affected products. Table 2 lists the product part numbers affected by this announcement.

Customers are encouraged to migrate to the respective product options listed in Table 3.

Table 1.   End-of-Life Milestones and Dates

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.	April 30, 2005
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 30, 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.	April 30, 2008
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.	April 30, 2008
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.	April 30, 2007
End of Service Contract Renewal Date	The last date to extend or renew a service contract for the product.	April 30, 2010
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.	April 30, 2011

Table 2.   Product Part Numbers Affected by This Announcement

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description
AXSM-32-T1E1-E	Double-height ATM service module, 32 T1/E1 ports	MPSM-16-T1E1	Multiprotocol Service Module---16 T1/E1 Ports
AXSM-32-T1E1-E=	Double-height ATM service module, 32 T1/E1 ports	MPSM-16-T1E1=	Multiprotocol Service Module---16 T1/E1 Ports
AXSM-8-155-E	Double-height ATM VS/VD service module, 8 OC-3c/STM-1	AXSM-16-155-XG	Double-height ATM VS/VD SM, 8 OC-3c/STM-1
AXSM-8-155-E=	Double-height ATM virtual source/virtual destination (VS/VD) services module, 8 OC-3c/STM-1	AXSM-16-155-XG=	Double-height ATM VS/VD services module, 8 OC-3c/STM-1
AXSM-2-622-E	Double-height ATM VS/VD service module, 2 OC-12c/STM-4	AXSM-8-622-XG	Double-height ATM VS/VD services module, 8 OC-12/STM-4, channelized/unchannelized
AXSM-2-622-E=	Double-height ATM VS/VD service module, 2 OC-12c/STM-4	AXSM-8-622-XG=	Double-height ATM VS/VD services module, 8 OC-12/STM-4, channelized/unchannelized
MGX-MMF-4-155/C	4 OC-3c/STM-1c single-height back card (BC), multimode fiber (MMF), SC connectors	SFP-8-155	8-port SFP back card for OC-3/STM-1
MGX-MMF-4-155/C=	4 OC-3c/STM-1c single-height BC, MMF, SC connectors	SFP-8-155=	8-port SFP back card for OC-3/STM-1
MGX-SMFIR-4-155/C	4 OC-3c/STM-1c single-height BC, single-mode fiber (SMF) intermediate reach (IR), SC	SFP-8-155	8-port SFP back card for OC-3/STM-1
MGX-SMFIR-4-155/C=	4 OC-3c/STM-1c single-height BC, SMF IR, SC	SFP-8-155=	8-port SFP back card for OC-3/STM-1
MGX-SMFLR-4-155/C	4 OC-3c/STM-1c single-height BC, SMF long reach (LR), SC	SFP-8-155	8-port SFP back card for OC-3/STM-1
MGX-SMFLR-4-155/C=	4 OC-3c/STM-1c single-height BC, SMF LR, SC	SFP-8-155=	8-port SFP back card for OC-3/STM-1
MGX-SMFIR-1-622/C	1 OC-12c/STM-4c single-height BC, SMF IR, SC	SFP-4-622	4-port SFP back card for OC-12/STM-4
MGX-SMFIR-1-622/C=	1 OC-12c/STM-4c single-height BC, SMF IR, SC	SFP-4-622=	4-port SFP back card for OC-12/STM-4
MGX-SMFLR-1-622/C	1 OC-12c/STM-4c single-height BC, SMF LR, SC	SFP-4-622	4-port SFP back card for OC-12/STM-4
MGX-SMFLR-1-622/C=	1 OC-12c/STM-4c single-height BC, SMF LR, SC	SFP-4-622=	4-port SFP back card for OC-12/STM-4

PRODUCT MIGRATION PROGRAMS

No migration programs are applicable.

PRODUCT MIGRATION OPTIONS

Table 3 lists the recommended replacements for the affected products.

Table 3. Product Comparisons

Feature	End-of-Life Product	Replacement Product
T1/E1 ATM supporting available bit rate (ABR) with VS/VD	AXSM-32-T1E1-E	MPSM-16-T1E1
T1/E1 ATM supporting ABR with VS/VD	AXSM-32-T1E1-E=	MPSM-16-T1E1=
OC-3/STM-1 ATM supporting ABR with VS/VD	AXSM-8-155-E	AXSM-16-155-XG
OC-3/STM-1 ATM supporting ABR with VS/VD	AXSM-8-155-E=	AXSM-16-155-XG=
OC-12/STM-4 ATM supporting ABR with VS/VD	AXSM-2-622-E	AXSM-8-622-XG
OC-12/STM-4 ATM supporting ABR with VS/VD	AXSM-2-622-E=	AXSM-8-622-XG=
OC-3c/STM-1c single-height BC, MMF	MGX-MMF-4-155/C	SFP-8-155
OC-3c/STM-1c single-height BC, MMF	MGX-MMF-4-155/C=	SFP-8-155=
OC-3c/STM-1c single-height BC, SMF IR	MGX-SMFIR-4-155/C	SFP-8-155
OC-3c/STM-1c single-height BC, SMF IR	MGX-SMFIR-4-155/C=	SFP-8-155=
OC-3c/STM-1c single-height BC, SMF LR	MGX-SMFLR-4-155/C	SFP-8-155
OC-3c/STM-1c single-height BC, SMF LR	MGX-SMFLR-4-155/C=	SFP-8-155=
OC-12/STM-4 single-height BC, SMF IR	MGX-SMFIR-1-622/C	SFP-4-622
OC-12/STM-4 single-height BC, SMF IR	MGX-SMFIR-1-622/C=	SFP-4-622=
OC-12/STM-4 single-height BC, SMF LR	MGX-SMFLR-1-622/C	SFP-4-622
OC-12/STM-4 single-height BC, SMF LR	MGX-SMFLR-1-622/C=	SFP-4-622=

Customers may be able to continue to purchase the end-of-sale products through Cisco's Authorized Refurbished Equipment program. Refurbished units are usually available in limited supply for sale in certain countries on a first-come, first-served basis. For information about the refurbished equipment program, go to: http://www.cisco.com/en/US/ordering/or6/or17/order_refurbished_equipment_program_description.html

FOR MORE INFORMATION

For more information about these Cisco products, please visit: http://www.cisco.com or contact your local Cisco account manager and/or Cisco Channel Partner.

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, 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 Website 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. CCSP, CCVP, the Cisco Square Bridge logo, Follow Me Browsing, and StackWise are trademarks of Cisco Systems, Inc.;
Changing the Way We Work, Live, Play, and Learn, and iQuick Study are service marks of Cisco Systems, Inc.; and Access Registrar, Aironet, ASIST, BPX, Catalyst, CCDA, CCDP,
CCIE, CCIP, CCNA, CCNP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity,
Empowering the Internet Generation, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Fast Step, FormShare, GigaDrive, GigaStack, HomeLink, Internet Quotient, IOS, IP/TV, iQ
Expertise, the iQ logo, iQ Net Readiness Scorecard, LightStream, Linksys, MeetingPlace, MGX, the Networkers logo, Networking Academy, Network Registrar, *Packet*, PIX, Post-
Routing, Pre-Routing, ProConnect, RateMUX, ScriptShare, SlideCast, SMARTnet, StrataView Plus, TeleRouter, The Fastest Way to Increase Your Internet Quotient, and TransPath 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 Website 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)   204123.v_ETMG_JC_4.05

Printed in the USA