

## End-of-Sale and End-of-Life Announcement for the Cisco AS5400HPX Universal Gateway

EOL4081, Amended

Cisco Systems® announces the end-of-sale and end-of life dates for the Cisco AS5400HPX Universal Gateway. The last day to order the Cisco AS5400HPX Universal Gateway is December 22, 2006. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) as shown in Table 1 of the EoL bulletin.

Table 1 describes the end-of-life milestones, definitions, and dates for the Cisco AS5400HPX Universal Gateway. Table 2 lists the product part numbers affected by this announcement.

Customers are encouraged to migrate to the Cisco AS5400XM Universal Gateway. The Cisco AS5400XM Universal Gateway doubles the performance of the Cisco AS5400HPX and delivers significant memory enhancements to offer high performance and high reliability in a compact modular design. The high-density packet voice feature card (AS5X-FC) and DSP module (AS5X-PVDM2-64) available for the Cisco AS5400XM Universal Gateway enable higher-density configurations (up to 1 Channelized T3 [CT3] of voice over IP [VoIP]) and world-class performance for intelligent packet voice services. The Cisco AS5400XM Universal Gateway can meet service provider and enterprise session-border-controller (SBC) requirements through support for the Cisco Multiservice IP-to-IP Gateway, an integrated Cisco IOS® Software application that facilitates simple and cost-effective connectivity between independent VoIP and video networks. The Cisco AS5400XM Universal Gateway also supports existing Cisco AS5400HPX PSTN trunk termination and universal port DSP feature cards in a more powerful chassis to help ensure continuing network investment protection. This cost-effective platform is ideally suited for service provider and enterprise environments that require innovative voice, fax, and data services.

**Table 1.** End-of-Life Milestones and Dates for the Cisco AS5400HPX Universal Gateway

Milestone	Definition	Date
<b>End-of-Life Announcement Date</b>	The date the document that announces the end of sale and end of life of a product is distributed to the general public.	June 23, 2006
<b>End-of-Sale Date</b>	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	December 22, 2006
<b>Last Ship Date: HW</b>	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	March 22, 2007
<b>End of Routine Failure Analysis Date: HW</b>	The last-possible date a routine failure analysis may be performed to determine the cause of product failure or defect.	December 22, 2007
<b>End of New Service Attachment Date: HW</b>	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.	December 22, 2007
<b>End of SW Maintenance Releases Date</b>	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.	December 22, 2008

Milestone	Definition	Date
<b>End of Service Contract Renewal Date: HW</b>	The last date to extend or renew a service contract for the product.	March 19, 2011
<b>Last Date of Support: HW</b>	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.	December 21, 2011

- HW = Hardware
- OS SW = Operating System Software
- App. SW = Application Software

**Table 2.** Product Part Numbers Affected by This Announcement

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description
<b>AS54-DFC-108NP</b>	AS5400 108 Universal Port Card	AS5X-FC	AS5000 Feature Card with Six PVDM DSP Module Slots
<b>AS54-DFC-108NP</b>	AS5400 108 Universal Port Card	AS5X-PVDM2-64	AS5000 64-Channel Packet Voice/Fax DSP Module
<b>AS54-DFC-108NP</b>	AS5400 108 Universal Port Card	AS5XM-DIAL-108NP	AS5000XM 108 Dial Port Feature Card
<b>AS54-DFC-108NP</b>	AS5400 108 Universal Port Card	AS5XM-VUFC-108NP	AS5000XM 108 Voice/Universal Port Feature Card
<b>AS54-DFC-60NP</b>	AS5400 60 Universal Port Card	AS5X-FC	AS5000 Feature Card with Six PVDM DSP Module Slots
<b>AS54-DFC-60NP</b>	AS5400 60 Universal Port Card	AS5X-PVDM2-64	AS5000 64-Channel Packet Voice/Fax DSP Module
<b>AS54-DFC-60NP</b>	AS5400 60 Universal Port Card	AS5XM-DIAL-60NP	AS5000XM 60 Dial Port Feature Card
<b>AS54-DFC-60NP</b>	AS5400 60 Universal Port Card	AS5XM-VUFC-60NP	AS5000XM 60 Voice/Universal Port Feature Card
<b>AS5400HPX</b>	AS5400HPX Starter Kit (inc Chassis, MB, Def Mem)	AS5400XM	AS5400XM Starter Kit (inc Chassis, MB, Def Mem)
<b>AS5400HPX-AC=</b>	High Perf Chassis, Dual AC, IP+ IOS, 256MB SDRAM, Y-AC Cable	AS54XM-AC-RPS=	AS5400XM spare chassis including AC Redundant Power Supply
<b>AS5400HPX-DC=</b>	High Perf Chassis, Dual DC, IP+ IOS, 256MB SDRAM	AS54XM-DC-RPS=	AS5400XM spare chassis including DC Redundant Power Supply
<b>AS54HPX-16E1-480AC</b>	AS5400HPX;16E1,492 ports,Dual AC,IP+ IOS,480 ENHVOX Lic	AS54XM-16E1-V-HC	AS5400XM High-Density Voice; 16E1,20 AS5X-PVDM2-64, IP+ IOS
<b>AS54HPX-16T1-384AC</b>	AS5400HPX;16T1,384 ports,Dual AC,IP+ IOS,384 ENHVOX Lic	AS54XM-16T1-V-HC	AS5400XM High-Density Voice; 16T1,16 AS5X-PVDM2-64, IP+ IOS
<b>AS54HPX-2E1-60-AC</b>	AS5400HPX;2E1,60 DSPs,Dual AC,IP+ IOS, 60 ENHVOX Lic	AS535XM-2E1-V-HC	AS5350XM High-Density Voice w/ 2E1,3 AS5X-PVDM2-64, IP+ IOS
<b>AS54HPX-2T1-48-AC</b>	AS5400HPX;2T1,60 DSPs,Dual AC,IP+ IOS, 48 ENHVOX Lic	AS535XM-2T1-V-HC	AS5350XM High-Density Voice w/ 2T1, 2 AS5X-PVDM2-64, IP+ IOS
<b>AS54HPX-4E1-120-AC</b>	AS5400HPX;4E1,120 DSPs,Dual AC,IP+ IOS, 120 ENHVOX Lic	AS54XM-4E1-V-MC	AS5400XM Voice Med-Comp w/ 4E1,4 AS5X-PVDM2-64, IP+ IOS
<b>AS54HPX-4T1-96-AC</b>	AS5400HPX;4T1,108 DSPs,Dual AC,IP+ IOS, 96 ENHVOX Lic	AS54XM-4T1-V-MC	AS5400XM Voice Med-Comp w/ 4T1,3 AS5X-PVDM2-64, IP+ IOS
<b>AS54HPX-8E1-240AC</b>	AS5400HPX;8E1, 276 ports,Dual AC,IP+ IOS, 240 ENHVOX Lic	AS54XM-8E1-V-MC	AS5400XM Voice Med-Comp w/ 8E1,8 AS5X-PVDM2-64, IP+ IOS

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description
<b>AS54HPX-8T1-192AC</b>	AS5400HPX;8T1,216 ports,Dual AC,IP+ IOS, 192 ENHVOX Lic	AS54XM-8T1-V-MC	AS5400XM Voice Med-Comp w/ 8T1,6 AS5X-PVDM2-64, IP+ IOS
<b>AS54HPX-AC-RPS=</b>	AS5400 Dual AC PWR Supply SPARE	There is currently no replacement product available for this product.	
<b>AS54HPX-DC-RPS=</b>	AS5400 Dual DC PWR Supply SPARE	There is currently no replacement product available for this product.	
<b>FR54H-DATA-LIC</b>	AS5400HPX IOS Data License Per Port	There is currently no replacement product available for this product.	
<b>FR54H-DATA-LIC=</b>	AS5400HPX IOS Data License Per Port	There is currently no replacement product available for this product.	
<b>FR54H-ENHVOX-LIC</b>	AS5400HPX IOS Enhanced Voice License Per Port	There is currently no replacement product available for this product.	
<b>FR54H-ENHVOX-LIC=</b>	AS5400HPX IOS Enhanced Voice License Per Port	There is currently no replacement product available for this product.	
<b>FR54H-SLT-LIC</b>	AS5400HPX IOS Integrated SLT License Per Platform	FR54XM-SLT-LIC	AS5400XM IOS Integrated SLT License Per Platform
<b>FR54H-SLT-LIC=</b>	AS5400HPX IOS Integrated SLT License Per Platform	There is currently no replacement product available for this product.	

## Product Migration Options

Customers are encouraged to migrate to the Cisco AS5400XM Universal Gateway. Information about this product can be found at <http://www.cisco.com/en/US/products/ps6269/index.html>.

**Table 3.** Product Comparisons

Feature	Cisco AS5400HPX Universal Gateway	Cisco AS5400XM Universal Gateway
<b>Relative CPU Performance</b>	1.0	2.0
<b>Maximum Main Memory</b>	512-MB synchronous dynamic RAM (SDRAM)	1-GB main SDRAM
<b>Ethernet Ports</b>	Dual Fast Ethernet 10/100 Ethernet ports	Dual Gigabit Ethernet 10/100/1000 Ethernet ports
<b>Dimensions (H x W x D)</b>	<ul style="list-style-type: none"> <li>• 3.5 x 17.5 x 18.25 in. (2RU)</li> <li>• 8.89 x 44.45 x 46.36 cm</li> </ul>	<ul style="list-style-type: none"> <li>• 3.5 x 17.5 x 18.25 in. (2RU)</li> <li>• 8.89 x 44.45 x 46.36 cm</li> </ul>
<b>Redundant Power Supply</b>	Yes	Yes
<b>Feature Card Slots</b>	7	7
<b>Processor</b>	375-MHz Reduced Instruction Set Computer (RISC) processor	750-MHz RISC processor
<b>Port Capacity per Chassis-Voice</b>	CT3-648, 16-E1	CT3-672, 24-T1, 20-E1
<b>Integrated Signaling System 7 (SS7) Signaling Link Terminal (SLT)</b>	Yes	Yes
<b>Building Integrated Timing Supply (BITS)</b>	Supported	Supported
<b>System Flash Memory</b>	32-MB flash single inline memory module (SIMM)	128-MB Compact Flash
<b>Alarm Support</b>	Supported	Supported

Feature	Cisco AS5400HPX Universal Gateway	Cisco AS5400XM Universal Gateway
Cisco 12-in-1 Port	Two 8-Mbps serial ports	Two 8-Mbps serial ports
High-Density Packet Voice/Fax Feature Card (AS5X-FC) and DSP Module (AS5X-PVDM2-64)	Not supported	Supported

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.

Customers may be able to continue to purchase the end-of-sale product through Cisco's Authorized Refurbished Equipment program. Refurbished units of the end-of-sale product are 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](http://www.cisco.com/en/US/ordering/or6/or17/order_refurbished_equipment_program_description.html).

### For More Information

For more information about the Cisco AS5400XM Universal Gateway, visit <http://www.cisco.com/en/US/products/ps6269/index.html>, 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](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>.



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