



# End-of-Life for the Cisco AS5300 Voice Gateway

Addendum in reference to original EOL Notice #1825

Table 1 Addendum information

Category	Description	
Addendum date	The date which the addendum was published	July 1, 2003
Effective date	The date which the changes are effective	June 23, 2003
Original Bulletin announcement date	The document date of the original end of sale and end of life of a product to the general public	July 1, 2002
Original Bulletin information	Original Bulletin number and link	Bulletin number 1825

**Cisco Systems announces the end of life (EOL) of the Cisco AS5300 Voice Gateway. The last day to order—also known as the end-of-sales (EOS) date—for the Cisco AS5300 Voice Gateway will be December 31, 2002. The end-of-support date for the Cisco AS5300 Voice Gateway will be December 31, 2007.**

## EOL Milestones, Definitions, and Calendar

End of life (EOL) refers to all activities revolving around the discontinuation of a product. Table 2 defines terms and timing of EOL milestones announced in this product bulletin.

Table 2 Cisco AS5300 Voice Gateway EOL Terms and Milestones

Milestone	Definition	Effective Date
EOL Announcement	Date when a product bulletin is posted on Cisco.com to notify customers, partners, and others of EOL activities.	July 1, 2002
EOS	Date when the EOL products are no longer orderable or visible on Cisco price lists. Service contracts are renewed until the end-of-contract-renewal milestone. Products are supported until the end-of-support milestone.	December 31, 2002
End of production	Date when Cisco Manufacturing no longer builds packages for the EOL products and no longer maintains stock levels. Cisco Customer Advocacy (CA) will maintain stocks to fulfill Return Material Authorization (RMA) needs.	March 31, 2003
End of hardware maintenance	Date when Cisco Development Engineering no longer provides bug fixes to hardware.	December 31, 2004
End of software maintenance	Date when Cisco Development Engineering no longer provides bug fixes to software.	December 31, 2006
End-of-support announcement	Date when a product bulletin is posted on Cisco.com to notify customers of the end-of-support milestone.	July 1, 2006
End of contract renewal	Date when service contracts are no longer renewed.	December 31, 2006
End of support (product becomes obsolete)	Date when the Cisco Technical Assistance Center (TAC) no longer supports the product.	December 31, 2007

## EOL Product Upgrade Options

The recommended upgrade path for the Cisco AS5300 Voice Gateway is the Cisco AS5350 and AS5400 Series Universal Gateways. The Cisco AS5350 and AS5400 Series support all voice signaling protocols (Media Gateway Control Protocol [MGCP], Session Initiation Protocol [SIP], and H.323) and are true carrier-class gateways capable of providing high-density, high-quality voice as well as a rich set of features. In addition to providing the voice capabilities of the Cisco AS5300 Voice Gateway, the Cisco AS5350 and AS5400 Series Universal Gateways support multiple data, voice, and fax services simultaneously. Table 3 compares the features of the Cisco AS5300 Voice Gateway and the Cisco AS5350 and AS5400 Series products.

Table 3 Product Comparison Table

	Cisco AS5300 Voice Gateway	Cisco AS5350 Universal Gateway	Cisco AS5400 Universal Gateway	Cisco AS5400HPX Universal Gateway
<b>Port capacity per chassis</b>	120 voice ports (4 T1/E1s)	216 voice, dial, or universal ports (8 T1s or 7 E1s)	480 voice or universal ports (20 T1 or 16 E1s); 648 dial ports (27 T1s or 21 E1s)	648 voice or universal ports (1 T3, 16 T1/E1s)
<b>Chassis height</b>	2 rack units (RU)	1 RU	2 RU	2 RU
<b>Signaling System 7 (SS7) Signaling Link Terminal (SLT)</b>	No	Yes	Yes	Yes
<b>Hot-swap capability</b>	No	Yes	Yes	Yes
<b>CPU</b>	150 MHz R4700	250 MHz RM7000	250 MHz RM7000	390 MHz RM7000A

Table 3 Product Comparison Table

	Cisco AS5300 Voice Gateway	Cisco AS5350 Universal Gateway	Cisco AS5400 Universal Gateway	Cisco AS5400HPX Universal Gateway
<b>Maximum main memory</b>	128-MB DRAM	512-MB SDRAM	512-MB SDRAM	512-MB SDRAM
<b>Power supply redundancy</b>	Dual	Single Dual available Q1CY2003	Dual	Dual
<b>Feature card slots</b>	—	3	7	7
<b>Ingress</b>	T1/E1	T3 or T1/E1	T3 or T1/E1	T3 or T1/E1
<b>Egress</b>	One 10BASE-T, One 100BASE-T	Dual 10/100 Ethernet Ports	Dual 10/100 Ethernet Ports	Dual 10/100 Ethernet Ports

Table 4 lists EOL products and identifies alternative products. Using the Cisco Technology Migration Plan, customers can trade in products and receive credit toward the purchase of new Cisco equipment. The program allows customers to submit a trade-in order to upgrade their existing equipment. For more information about Cisco TMP, go to: <http://www.cisco.com/go/tradein/>. Note All users are required to have their Cisco.com Login ID to use Cisco TMP.

Table 4 EOL Products and Upgrade Options

Cisco AS5300 Configuration or Part Number	Suitable Replacements by Product Number
Two T1/E1 AS5300 with 48/60 voice ports	AS535-2T1-48-AC-V/AS535-2E1-60-AC-V
Quad T1/E1 AS5300 with 96/120 voice ports (AS5300-96-VOIPA/AS5300-120-VOIPA)	AS535-4T1-96-AC-V/AS535-4E1-120-AC-V

### EOL Frequently Asked Questions

Q. Why is Cisco replacing the Cisco AS5300 Voice Gateway with universal gateways?

A. The Cisco AS5000 Universal Gateways are superior class products that will better meet the needs of Cisco customers. The Cisco AS5350, AS5400, and AS5400HPX offer many advantages over the Cisco AS5300 Voice Gateway including:

- Up to five times greater port density
- Higher performance (throughput)
- Lower latency
- Larger Cisco IOS® Software feature set
- More redundancy and hot-swap features
- Lower power consumption per port

The Cisco AS5000 Universal Gateways also enable service providers to implement a powerful new network architecture called Cisco Any Service, Any Port (ASAP). Because Cisco ASAP allows service providers to offer both dial and voice at the same time and on the same network, they can generate new revenue while reducing capital investment costs.

The Cisco ASAP architecture includes all of the elements to develop unified networks that provide a combination of services such as wholesale dial, wholesale voice, unified communications, mobile wireless data, prepaid calling, and enhanced voice services.

Q. Are the universal gateways suited for voice-only networks?

A. Absolutely. While the universal gateways are designed to provide both voice and dial, they can also serve as dedicated voice gateways.

Q. Are the universal gateways interoperable and backward compatible with the Cisco AS5300?

A. Yes.

Q. What are the memory requirements for the AS5300 Voice Gateway running IOS 12.3 Mainline?

A. Support for the AS5300 Voice Gateway with IOS 12.3 Mainline requires the following memory configuration:

- 128 MB DRAM Main Memory
- 16 MB System Flash
- 8 MB Boot Flash

Table 5 DRAM

DRAM memory upgrades are orderable through March 2004:	
Product ID	Description
MEM-128M-AS53=	128 MB DRAM memory for 5300 USD \$1,250.00

Q. Is Fast Step for Access Servers affected by this End of Life announcement?

A. Yes. Fast Step of Access Servers software will be End of Life with the AS5300 Voice Gateway. The last day to order Fast Step will be December 31, 2002. The end of support date for Fast Step will be December 31, 2007.

### Additional Information

For more information, contact your local Cisco account manager.

### Disclaimers

- All products are subject to availability.
- All prices, program credits, and their effective period are subject to change without notice.
- Cisco reserves the right to add, change, or discontinue any product, and credit from its price list respectively.



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