



PRODUCT BULLETIN NO. 3076

CISCO AVS 3110 APPLICATION VELOCITY SYSTEM NOW AVAILABLE

PRODUCT AVAILABILITY

The Cisco Application Velocity System (AVS 3110), an appliance-based solution for application optimization, is now orderable. The First Customer Shipment (FCS) has occurred.

PRODUCT DESCRIPTION

The Cisco Application Velocity System (AVS) 3110 is an enterprise data-center appliance for improving HTML- and XML-based application performance, measuring end-user response time, and managing application security. It is a complete enterprise application delivery solution for all Web-based (HTTP/HTTPS) HTML and XML enterprise applications. The Cisco AVS 3110 offers the industry's most complete set of optimizations that mitigate network latency, reduce bandwidth requirements, and offload servers. The optimizations have an immediate impact on any application and integrate smoothly with any Web front end. Configuration flexibility is assured with detailed rules-based control, prebuilt application templates, and comprehensive best practices. No changes to applications, desktops, or servers are required. Cisco AVS 3110 appliances can be rapidly deployed in any environment and uniquely optimize, accelerate, and secure application delivery.

Table 1. Features and Benefits of the Cisco AVS 3110

	Features	Impact	Benefits
Network Latency Mitigation	<ul style="list-style-type: none">• Request aggregation• Browser cache management• Browser TCP multiplexing• PDF download optimization• Response redirection control	<ul style="list-style-type: none">• Dramatically improve end-user performance	<ul style="list-style-type: none">• 2X-5X typical improvements in response time
Network Optimization	<ul style="list-style-type: none">• Delta encoding• Dynamic browser caching• Dynamic image optimization (JPG, GIF, PNG)• Gzip/DEFLATE compression• Flexible processing rules	<ul style="list-style-type: none">• Reduce bandwidth costs• Delay or eliminate network upgrades• Better end-user performance	<ul style="list-style-type: none">• 70-90% typical reduction in bandwidth use

	Features	Impact	Benefits
Server Offload	<ul style="list-style-type: none"> Configurable dynamic caching Load-based caching Lazy request evaluation Single sign-on optimizations TCP connection multiplexing Secure Sockets Layer (SSL) offload and acceleration Static caching XML offload 	<ul style="list-style-type: none"> Delay or reduce server purchases Minimize application licenses Better performance 	<ul style="list-style-type: none"> 80% typical reduction in server cycles

In addition to the core application optimization functions described above the Cisco AVS 3110 includes both the AppScreen Web Application Firewall and the AppScope Monitor.

Cisco AVS 3110 AppScreen Web Application Firewall—AppScreen provides “Day-Zero” protection using a rule-based, policy-driven approach. This integrated approach offers complete flexibility and helps secure your application infrastructure (even encrypted SSL transactions) from entire classes of HTTP- and HTTPS-based threats. AppScreen provides protection against entire classes of attacks, unlike signature-based protection, which handles only specific, known threats, or learned-rules-based protection, which requires an extensive training phase.

Cisco AVS 3110 AppScope Monitor—AppScope is the industry's only agentless, end-to-end application performance measurement solution. Installed in the data center, it provides a lightweight way for organizations to monitor, measure, and report end-user response times from a central location. AppScope measures the true application performance as realized by real end users-nothing is simulated. It breaks down response times into individual components that allow better allocation of IT resources and greatly reduce mean time to repair.

ORDERING INFORMATION

Table 2. Ordering Information for the Cisco AVS 3110 Application Velocity System

Part Number	Description	Service Category
AVS-3110-K9	Cisco AVS 3110 Application Velocity System with 10/100/1000BASE-T Ethernet Ports	C

TECHNICAL SUPPORT

The Following support options are available for the Cisco AVS 3110 platform:

Table 3. SMARTnet® Ordering Information for the Cisco AVS 3110

SMARTnet Product Number	Description
CON-SNT-AVS-3110	SMARTnet 8x5xNBD service for the Cisco AVS 3110
CON-SNT-PKG17	SMARTnet NBD services for two-tier resellers
SP-RR-AVS-3110	SP Base RTF services
SP-AR1-AVS-3110	SP Base NBD services

Existing FineGround Network Systems customers that are supported by a FineGround Standard or Premium support contract will be automatically migrated to a SMARTnet NBD service contract.

**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)

205417.E_ETMG_JH_9.05