



PRODUCT BULLETIN NO. 2712

CISCO IP SOLUTION CENTER 4.0

Cisco Systems® announces the availability of the Cisco® IP Solution Center 4.0. Cisco IP Solution Center (ISC) is a family of intelligent element management applications that help reduce overall network administration and management costs by providing automated resource management and rapid profiled-based provisioning capabilities that enable rapid deployment and fast time to market of Multiprotocol Label Switching (MPLS) and Metro Ethernet technologies.

The applications below can operate alone or as a suite.

- Cisco IP Solution Center MPLS VPN Management application
- Cisco IP Solution Center Layer 2 VPN and Metro Ethernet application
- Cisco IP Solution Center Traffic Engineering Management application

Capabilities include provisioning and troubleshooting for MPLS VPNs, ATM/Frame Relay/Ethernet over MPLS VPNs, ATM/Frame Relay transport over Layer 2 Tunneling Protocol v3 (L2TPv3) VPNs, Metro Ethernet VPNs, and planning and configuration of MPLS Traffic Engineering (MPLS-TE).

NEW FEATURES

New features of Cisco IP Solution Center 4.0 include:

- Traffic Engineering Management application—A new application in the Cisco IP Solution Center family. Traffic Engineering Management simplifies visualization, configuration, and management of MPLS-TE tunnels on a network. It also computes and configures primary tunnels to meet user-specified constraints, and computes Fast Reroute [FRR] bypass tunnels for network element protection. The Cisco IP Solution Center Traffic Engineering Management application is a replacement for the Cisco Tunnel Builder and Tunnel Builder Pro products.
- Provisioning of L2TPv3-based Layer 2 VPNs—Provisioning of L2TPv3-based Layer 2 VPNs—A new feature in the existing Cisco IP Solution Center Layer 2 VPN and Metro Ethernet Management application that enables the provisioning of Frame Relay services, ATM Adaptation Layer 5 (AAL5) transport, and Cell Relay services over a packet-based core.

Cisco IP Solution Center 4.0 updates are listed below. A complete list of updates is available in the Cisco IP Solution Center 4.0 Release Notes document.

- MPLS VPN Management application update support of Cisco IOS® Software Release 12.0(27)SV2 and Release 12.0(28)S for Cisco 12000 Series routers and Cisco 7500 Series routers, and Cisco IOS Software Release 12.2(16)BX for Cisco 10000 Series routers.
- Layer 2 VPN Management application (ERS/EWS/VPLS services) update support of Cisco IOS Software Release 12.2(17a)SX3 for Cisco 7600 Series routers, and Cisco IOS Software Release 12.1(19)EA1 and Release 12.1(22)EA1 for the Cisco Catalyst® 3550 Series.

UPGRADE PATHS

Existing Cisco IP Solution Center 3.x MPLS and L2VPN Management customers can order an update kit for a minimal fee by contacting their Cisco sales representatives. See Table 7 for ordering information.

Existing Cisco IP Solution Center 3.x Security Management customers should not upgrade to Cisco IP Solution Center 4.0. The Cisco IP Solution Center 3.x Security Management product will continue to be supported only in the 3.x product branch. Starting with Cisco IP Solution Center 4.0, the Security Management application will no longer be part of the Cisco IP Solution Center family.

On August 18, 2004, Cisco Systems announced the end-of-sale and end-of-life for Cisco IP Solution Center 3.0 and 3.1. The last day to order these products is February 18, 2005. Cisco IP Solution Center 3.0 and 3.1 customers are encouraged to migrate to Cisco IP Solution Center 4.0, which includes updates to the Cisco IOS Software releases supported, as well as the new Traffic Engineering Management application (Table 1). The last date that Cisco Engineering may release any final software maintenance releases or bug fixes is February 18, 2006. For additional details on the end-of-sale and end-of-life program for Cisco IP Solution Center 3.0 and 3.1, please visit:

http://www.cisco.com/en/US/prod/collateral/netmgtsw/ps6504/ps5696/ps4748/prod_end-of-life_notice0900aecd80145db2.html

On April 1, 2003, Cisco Systems announced the end-of-sale and end-of-life for the Cisco VPN Solution Center (VPNSC) 1.X and 2.X. Cisco VPNSC is no longer being sold. Cisco VPNSC customers are encouraged to migrate to Cisco IP Solution Center 4.0, which provides additional application support in the areas of quality of service (QoS), L2VPN, and MPLS-TE (Table 1). The last date that Cisco Engineering may release any final software maintenance releases or bug fixes is August 1, 2005. For additional details on the end-of-sale and end-of-life program for Cisco VPNSC 1.X and 2.x, please visit: http://www.cisco.com/en/US/prod/collateral/netmgtsw/ps6504/ps5696/ps2327/prod_end-of-life_notice0900aecd80145d25.html

UPGRADE BENEFITS

Cisco IP Solution Center 3.0 and 3.1 customers and Cisco VPNSC customers are encouraged to migrate to Cisco IP Solution Center 4.0. Cisco IP Solution Center 4.0 provides a set of network-intelligent applications for planning, provisioning, troubleshooting, and traffic engineering of Layer 3 and 2 VPNs, AToM, and Metro Ethernet Services. Some features are listed in Table 1.

Table 1. Cisco IP Solution Center 4.0 Features

Cisco IP Solution Center Features
New Traffic Engineering Management application for planning and optimization of MPLS-TE tunnels.
Updated support of latest Cisco IOS Software releases and platforms, including releases 12.0(27)SV2, 12.0(28)S, 12.2(16)BX , 12.2(17a)SX3, 12.1(19)EA1, and 12.1(22) EA1.
Rapid profile-based provisioning and validation of new Layer 2 and 3 VPN services and topologies, including support for L2TPv3.
Automation of resource management for tracking of Layer 3 and Layer 2 resources.
Carrier-grade infrastructure for large deployments such as a Web-based graphical user interface, database backup and restore, and updated northbound interface.

AVAILABILITY

Cisco IP Solution Center 4.0 will begin shipping on January 14, 2005. Customers can order this product through their normal sales channels beginning December 28, 2004.

ORDERING INFORMATION

Tables 2-10 provide ordering information for Cisco IP Solution Center products.

Table 2. Cisco IP Solution Center 4.0 Starter Packs

Part Number	Description
ISC4.0-MVSK-K9	Cisco IP Solution Center 4.0 MPLS VPN Management Starter Pack. Includes the following applications and licensing: MPLS VPN, QoS, API, and a 200-connection activation license.
ISC4.0-LVSK-K9	Cisco IP Solution Center 4.0 L2VPN and Metro Ethernet Management Starter Pack. Includes the following applications and licensing: L2VPN, QoS, API, and a 200-connection activation license.
ISC4.0-TESK-K9	Cisco IP Solution Center 4.0 Traffic Engineering Management Starter Pack. Includes the Traffic Engineering Management application and a 20-node activation license.

Table 3. Cisco IP Solution Center 4.0 Options

Part Number	Description
ISC4.0-MPLS-APP	Cisco IP Solution Center 4.0 MPLS VPN Management application license
ISC4.0-L2VPN-APP	Cisco IP Solution Center 4.0 L2VPN Management application license
ISC4.0-TESK-APP	Cisco IP Solution Center 4.0 Traffic Engineering Management application license

Table 4. Cisco IP Solution Center 4.0 Activation License Tier Upgrades for MPLS and L2VPN Management

Part Number	Description
ISC4.0-1KTU	Cisco IP Solution Center 4.0 upgrade from 200- to 1000 activation license
ISC4.0-3KTU	Cisco IP Solution Center 4.0 upgrade from 1000- to 3000 activation license
ISC4.0-6KTU	Cisco IP Solution Center 4.0 upgrade from 3000- to 6000 activation license
ISC4.0-10KTU	Cisco IP Solution Center 4.0 upgrade from 6000- to 10,000 activation license
ISC4.0-1KINCR	Cisco IP Solution Center 4.0 1000 incremental activation license upgrade beyond 10,000 connections*
ISC4.0-5KINCR	Cisco IP Solution Center 4.0 5000 incremental activation license upgrade beyond 10,000 connections**

* ISC 4.0 incremental activation license upgrades are only applicable to customers that have already bought tier upgrades of 10,000 activation licenses and beyond.

** ISC 4.0 incremental activation license upgrades are only applicable to customers that have already bought tier upgrades of 10,000 activation licenses or beyond.

Table 5. Cisco IP Solution Center 4.0 Activation License Tier Upgrades for Traffic Engineering Management*

Part Number	Description
ISC4.0-50NTU	Cisco IP Solution Center 4.0 upgrade from 20- to 50-node activation license
ISC4.0-100NTU	Cisco IP Solution Center 4.0 upgrade from 50- to 100-node activation license
ISC4.0-150NTU	Cisco IP Solution Center 4.0 upgrade from 100- to 150-node activation license

* Requires purchase of an initial starter kit or application add-on license for the Cisco ISC 4.0 Traffic Engineering Management application (ISC4.0-TESK-K9 or ISC4.0-TESK-APP).

Table 6. Cisco IP Solution Center 4.0 Redundancy Options

Part Number	Description
ISC4.0-BU	ISC4.0 Backup Pack (Site Diversification License)
ISC4.0-BU-VUPG	ISC3.2 Back Up Pack (VPNSC Release Upgrade)

Table 7. Update Options from Cisco VPNSC 1.X and 2.X to Cisco IP Solution Center 4.0

Currently Owned	Type of Activation License	Update To	Update Kit to Order
Cisco VPNSC 1.X and 2.X	500 - connections activation license	Cisco IP Solution Center 4.0	ISC4.0-VUPG500-K9
Cisco VPNSC 1.X and 2.X	1500- connections activation license	Cisco IP Solution Center 4.0	ISC4.0-VUPG1500-K9
Cisco VPNSC 1.X and 2.X	3000- connections activation license	Cisco IP Solution Center 4.0	ISC4.0-VUPG3000-K9
Cisco VPNSC 1.X and 2.X	6000- connections activation license	Cisco IP Solution Center 4.0	ISC4.0-VUPG6000-K9

Table 8. Update Options from Cisco IP Solution Center 3.X to 4.0

Currently Owned	Type of Activation License	Update To	Update Kit to Order
Cisco IP Solution Center MPLS VPN Management 3.X	Any activation license (500, 1500, 3000, 6000, 10,000, 20,000, 30,000, or 50,000 connections)	Cisco IP Solution Center 4.0	ISC4.0-MVSK-UP-K9
Cisco IP Solution Center L2VPN Management 3.X	Any activation license (500, 1500, 3000, 6000, 10,000, 20,000, 30,000, or 50,000 connections)	Cisco IP Solution Center 4.0	ISC4.0-LVSK-UP-K9

Table 9. Update Options from Cisco Tunnel Builder and Tunnel Builder Pro to Cisco IP Solution Center 4.0

Currently Owned	Type of Activation License	Update To	Update Kit to Order
Cisco MPLS Tunnel Builder 1.0 and 2.X Cisco MPLS Tunnel Builder Pro 2.X	Lab and 25-node activation licenses	Cisco IP Solution Center 4.0	ISC4.0-TBUPG20-K9
Cisco MPLS Tunnel Builder 1.0 and 2.X Cisco MPLS Tunnel Builder Pro 2.X	50-node activation license	Cisco IP Solution Center 4.0	ISC4.0-TBUPG50-K9

Table 10. Cisco IP Solutions Center 4.0 Software Support Service

Part Number	Description
CON-SAS-MVSK-4X	<ul style="list-style-type: none"> • SAS Service for ISC 4.0 MPLS Starter Kit • SAS Service for ISC 4.0 MPLS VPN Upg for ISC 3.x customers
CON-SAS-LVSK-4X	<ul style="list-style-type: none"> • SAS Service for ISC 4.0 L2VPN/ME Starter Kit • SAS Service for ISC 4.0 L2VPN Upg for ISC 3.x customers
CON-SAS-TESK-4X	<ul style="list-style-type: none"> • SAS Service for ISC 4.0 TEM Starter Kit • SAS Service for ISC 4.0 Tunnel Builder and TBPro Upgrade -25 nodes
CON-SAS-MPLS-4X	<ul style="list-style-type: none"> • SAS Service for ISC 4.0 MPLS Application
CON-SAS-L2VPN-4X	<ul style="list-style-type: none"> • SAS Service for ISC 4.0 L2VPN/ME Application
CON-SAS-TESK-AP	<ul style="list-style-type: none"> • SAS Service for ISC 4.0 TEM Application
CON-SAS-ISC4-1K	<ul style="list-style-type: none"> • SAS Service for ISC 4.0 200 to 1000 Tier Upg Lic • SAS Service for VPNSC Upgrade – 500 Act license
CON-SAS-ISC4-3K	<ul style="list-style-type: none"> • SAS Service for ISC 4.0 1000 to 3000 Tier Upg Lic • SAS Service for ISC 4.0 VPNSC Upgrade - 1500 Act license • SAS Service for ISC 4.0 VPNSC Upgrade – 3000 Act license
CON-SAS-ISC4-6K	<ul style="list-style-type: none"> • SAS Service for ISC 4.0 3000 to 6000 Tier Upg Lic • SAS Service for ISC 4.0 VPNSC Upgrade - 6000 Act license
CON-SAS-ISC4-10K	<ul style="list-style-type: none"> • SAS Service for ISC 4.0 6000 to 10000 Tier Upg Lic
CON-SAS-ISC4-1IN	<ul style="list-style-type: none"> • SAS Service for ISC 4.0 for 1000 Inc Act Lic Upg beyond 10K
CON-SAS-ISC4-5IN	<ul style="list-style-type: none"> • SAS Service for ISC 4.0 for 5000 Inc Act Lic Upg beyond 10K
CON-SAS-ISC4-50	<ul style="list-style-type: none"> • SAS Service for ISC 4.0 for TE Upg from 20 to 50 Node Act Lic
CON-SAS-ISC4-100	<ul style="list-style-type: none"> • SAS Service for ISC 4.0 for TE Upg from 50 to 100 Node Act Lic

Part Number	Description
CON-SAS-ISC4-150	<ul style="list-style-type: none"> • SAS Service for ISC 4.0 for TE Upg from 100 to 150 Node Act Lic
CON-SAS-TB50-4X	<ul style="list-style-type: none"> • SAS Service for ISC 4.0 Tunnel Builder and TBPro Upgrade -50 nodes
CON-SAS-ISCBU-4X	<ul style="list-style-type: none"> • SAS Service for ISC4.0 Backup Pack (Site Diversification License) • SAS Service for ISC 4.0 Back Up Pack (VPNSC Release Upgrade)

FOR MORE INFORMATION

The Cisco IP Solution Center Q&A is available at: http://www.cisco.com/en/US/products/sw/netmgts/ps4748/prod_qandas_list.html

For more information about the Cisco IP Solution Center, contact your local Cisco sales representative, or visit:

<http://www.cisco.com/en/US/products/sw/netmgts/ps4748/index.html>

MARKETING CONTACTS

If you have questions about the Cisco IP Solution Center, send an e-mail to the product marketing group at isc-mktg@cisco.com.



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. CCIP, CCSP, the Cisco *Powered* Network mark, Cisco Unity, Follow Me Browsing, FormShare, 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 Aironet, ASIST, BPX, Catalyst, CCDA, CCDP, CCIE, CCNA, CCNP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, the Cisco IOS logo, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Empowering the Internet Generation, Enterprise/Solver, EtherChannel, EtherSwitch, Fast Step, GigaStack, Internet Quotient, IOS, IP/TV, iQ Expertise, the iQ logo, iQ Net Readiness Scorecard, LightStream, Linksys, MeetingPlace, MGX, MICA, the Networkers logo, Networking Academy, Network Registrar, *Packet*, PIX, Post-Routing, Pre-Routing, RateMUX, Registrar, ScriptShare, SlideCast, SMARTnet, StrataView Plus, Stratm, SwitchProbe, TeleRouter, The Fastest Way to Increase Your Internet Quotient, TransPath, and VCO 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. (0501R) 204192.bv_ETMG_LF_2.05

