



DATA SHEET

CURRENT SUPPORTED PLATFORMS FOR CISCO PERSONAL ASSISTANT 1.4

This document describes the current supported platforms for Cisco Personal Assistant 1.4.

HARDWARE

The following current shipping platforms are supported for single-language use and multiple-language use of Cisco Personal Assistant 1.4:

- Cisco Media Convergence Server (MCS) 7835-H1—Features a single Intel Xeon 3.4-Ghz processor.
- Cisco Media Convergence Server (MCS) 7835-I1—Features a single Intel Xeon 3.4-Ghz processor.
- Cisco Media Convergence Server (MCS) 7825H-3000—Features a single Intel Pentium 4 3.06-Ghz processor.
- Cisco Media Convergence Server (MCS) 7825I-3000—Features a single Intel Pentium 4 3.06-Ghz processor.
- HP DL 380G-4
- IBM x346
- HP DL 320G-2
- IBM x306

You can find descriptions of these platforms at [Cisco 7800 Series Media Convergence Servers](#)

The following platforms are also supported for single-language use and multiple-language use of Cisco Personal Assistant 1.4:

- Cisco Media Convergence Server (MCS) 7835H-3000
- Cisco Media Convergence Server (MCS) 7835I-3000
- Cisco Media Convergence Server (MCS) 7835H-2400
- Cisco Media Convergence Server (MCS) 78235I-2400
- Cisco Media Convergence Server (MCS) 7825H-2266
- HP DL 380G3
- IBM x345
- HP DL 320G2

The following platforms are also supported for single-language use or multiple-language use of Personal Assistant 1.4:

- Cisco Media Convergence Server (MCS) 7835-1000
- Cisco Media Convergence Server (MCS) 7825-800
- HP DL 380G2
- HP DL 320

These platforms are described in the release notes for Cisco Personal Assistant 1.3(4) on [Cisco.com](#) at [Cisco Personal Assistant Release Notes for Cisco Personal Assistant Release 1.3\(4\)](#)

The following platforms are also supported for single-language or multiple-language use of Personal Assistant 1.4:

- Cisco Media Convergence Server (MCS) 7835-1000
- Cisco Media Convergence Server (MCS) 7825-800

These platforms are described in the release notes for Cisco Personal Assistant 1.2(3) on Cisco.com at [Cisco Personal Assistant Release Notes for Cisco Personal Assistant 1.2](#)

SYSTEM CAPACITY

Cisco Media Convergence Servers (MCS) 7835-H1 or 7835-I1 and 7825H-3000 or 7825I-3000:

Table 1.

Server Installation	MCS-7825H-3000 or MCS-7825I-3000			MCS-7835-H1 or MCS-7835-I1		
	Cisco Personal Assistant Users*	Speech Recognition Sessions	TTS Sessions	Cisco Personal Assistant Users*	Speech Recognition Sessions	TTS Sessions
Cisco Personal Assistant server, speech recognition server, and enhanced TTS server installed on different systems of the same type	2500 Users	60 Sessions	12 Sessions	2500 Users	88 Sessions	12 Sessions
Cisco Personal Assistant server, speech recognition server, and enhanced TTS server installed on the same system	2500 Users	48 Sessions	12 Sessions	2500 Users	52 Sessions	12 Sessions

*Cisco Personal Assistant supports 15,000 busy hour call attempts (BHCA). Divided by an estimated six calls per person per hour, approximately 2500 users can be supported. See the Cisco Personal Assistant Design Guide for detailed deployment scenarios.

Table 2. Using Acoustic Model English America

Server Installation	20,000 Names in Corporate Directory			45,000 Names in Corporate Directory		
	Cisco Personal Assistant Users*	Speech Recognition Sessions	TTS Sessions	Cisco Personal Assistant Users*	Speech Recognition Sessions	TTS Sessions
Cisco Personal Assistant server, speech recognition server, and enhanced TTS server installed on different systems of the same type	2500 Users	60 Sessions	12 Sessions	2500 Users	88 Sessions	12 Sessions
Cisco Personal Assistant server, speech recognition server, and enhanced TTS server installed on the same system	2500 Users	48 Sessions	12 Sessions	2500 Users	52 Sessions	12 Sessions

*Cisco Personal Assistant supports 15,000 busy hour call attempts (BHCA). Divided by an estimated six calls per person per hour, approximately 2500 users can be supported. See the Cisco Personal Assistant Design Guide for detailed deployment scenarios.

For acoustic models other than American English, expect a performance capacity range of the following:

- Approximately the same performance capacity for other locales with a similar acoustic model (plus or minus 5%).
- Approximately 5-10% reduced performance capacity for each additional locale running on the same PA speech server.
- Approximately 15% reduced performance if the maximum number of enhanced TTS sessions configured.

CISCO MEDIA CONVERGENCE SERVERS (MCS) 7835H-3000 OR 7835I-3000 AND 7825H-3000 SYSTEMS:

Table 3. Server System Capacity Using Acoustic Model English America.1, 10,000 Names in Corporate Directory

Server Installation	MCS-7825H-3000			MCS-7835H-3000 or MCS-7835I-3000		
	Cisco Personal Assistant Users*	Speech Recognition Sessions	TTS Sessions	Cisco Personal Assistant Users*	Speech Recognition Sessions	TTS Sessions
Cisco Personal Assistant server, speech recognition server, and enhanced TTS server installed on different systems of the same type	2500 Users	60 Sessions	12 Sessions	2500 Users	88 Sessions	12 Sessions
Cisco Personal Assistant server, speech recognition server, and enhanced TTS server installed on the same system	2500 Users	48 Sessions	12 Sessions	2500 Users	52 Sessions	12 Sessions

*Cisco Personal Assistant supports 15,000 busy hour call attempts (BHCA). Divided by an estimated six calls per person per hour, approximately 2500 users can be supported. See the Cisco Personal Assistant Design Guide for detailed deployment scenarios.

Table 4. Using Acoustic Model English America.3

Server Installation	20,000 Names in Corporate Directory			45,000 Names in Corporate Directory		
	Cisco Personal Assistant Users*	Speech Recognition Sessions	TTS Sessions	Cisco Personal Assistant Users*	Speech Recognition Sessions	TTS Sessions
Cisco Personal Assistant server, speech recognition server, and enhanced TTS server installed on different systems of the same type	2500 Users	60 Sessions	12 Sessions	2500 Users	88 Sessions	12 Sessions
Cisco Personal Assistant server, speech recognition	2500 Users	48 Sessions	12 Sessions	2500 Users	52 Sessions	12 Sessions

Server Installation	20,000 Names in Corporate Directory			45,000 Names in Corporate Directory		
server, and enhanced TTS server installed on the same system						

*Cisco Personal Assistant supports 15,000 busy hour call attempts (BHCA). Divided by an estimated six calls per person per hour, approximately 2500 users can be supported. See the Cisco Personal Assistant Design Guide for detailed deployment scenarios.

For acoustic models other than American English, expect a performance capacity range of the following:

- Approximately the same performance capacity for other locales with a similar acoustic model (plus or minus 5%).
- Approximately 5-10% reduced performance capacity for each additional locale running on the same PA speech server.
- Approximately 15% reduced performance if the maximum number of enhanced TTS sessions configured.

CISCO MEDIA CONVERGENCE SERVERS (MCS) 7835H-2400 OR 7835I-2400 AND 7825H-2266

Table 5. Server System Capacity Using Acoustic Model English America.1, 10,000 Names in Corporate Directory

Server Installation	MCS-7825H-2266			MCS-7835H-2400 or MCS-7835I-2400		
	Cisco Personal Assistant Users*	Speech Recognition Sessions	TTS Sessions	Cisco Personal Assistant Users*	Speech Recognition Sessions	TTS Sessions
Cisco Personal Assistant server, speech recognition server, and enhanced TTS server installed on different systems of the same type	2500 Users	60 Sessions	12 Sessions	2500 Users	88 Sessions	12 Sessions
Cisco Personal Assistant server, speech recognition server, and enhanced TTS server installed on the same system	2500 Users	48 Sessions	12 Sessions	2500 Users	52 Sessions	12 Sessions

*Cisco Personal Assistant supports 15,000 busy hour call attempts (BHCA). Divided by an estimated six calls per person per hour, approximately 2500 users can be supported. See the Cisco Personal Assistant Design Guide for detailed deployment scenarios.

Table 6. Using Acoustic Model English America

Server Installation	20,000 Names in Corporate Directory			45,000 Names in Corporate Directory		
	Cisco Personal Assistant Users*	Speech Recognition Sessions	TTS Sessions	Cisco Personal Assistant Users*	Speech Recognition Sessions	TTS Sessions
Cisco Personal Assistant server, speech recognition server, and enhanced TTS server installed on	2500 Users	60 Sessions	12 Sessions	2500 Users	88 Sessions	12 Sessions

Server Installation	20,000 Names in Corporate Directory			45,000 Names in Corporate Directory		
different systems of the same type						
Cisco Personal Assistant server, speech recognition server, and enhanced TTS server installed on the same system	2500 Users	48 Sessions	12 Sessions	2500 Users	52 Sessions	12 Sessions

*Cisco Personal Assistant supports 15,000 busy hour call attempts (BHCA). Divided by an estimated six calls per person per hour, approximately 2500 users can be supported. See the Cisco Personal Assistant Design Guide for detailed deployment scenarios.

For acoustic models other than American English, expect a performance capacity range of the following:

- Approximately the same performance capacity for other locales with a similar acoustic model (plus or minus 5%).
- Approximately 5-10% reduced performance capacity for each additional locale running on the same PA speech server.
- Approximately 15% reduced performance if the maximum number of enhanced TTS sessions configured.

CISCO MEDIA CONVERGENCE SERVERS (MCS) 7835-1266 AND 7825-1133

Table 7. Server System Capacity Using Acoustic Model English America.1, 10,000 Names in Corporate Directory

Server Installation	MCS-7825-1133		MCS-7835-1266	
	Cisco Personal Assistant Users*	Speech Recognition Sessions	Cisco Personal Assistant Users*	Speech Recognition Sessions
Cisco Personal Assistant server, speech recognition server, and enhanced TTS server installed on different systems of the same type	2500 Users	60 Sessions	2500 Users	88 Sessions
Cisco Personal Assistant server, speech recognition server, and enhanced TTS server installed on the same system	2500 Users	48 Sessions	2500 Users	52 Sessions

*Cisco Personal Assistant supports 15,000 busy hour call attempts (BHCA). Divided by an estimated six calls per person per hour, approximately 2500 users can be supported. See the Cisco Personal Assistant Design Guide for detailed deployment scenarios.

USING ACOUSTIC MODEL ENGLISH AMERICA.3

Table 8. Server System Capacity Using Acoustic Model English.America.3

Server Installation	20,000 Names in Corporate Directory		45,000 Names in Corporate Directory	
	Cisco Personal Assistant Users*	Speech Recognition Sessions	Cisco Personal Assistant Users*	Speech Recognition Sessions
Cisco Personal Assistant server and	2500 Users	60 Sessions	2500 Users	88 Sessions

Server Installation	20,000 Names in Corporate Directory		45,000 Names in Corporate Directory	
speech recognition server installed on different MCS-7835-1266 systems				
Cisco Personal Assistant server and speech recognition server installed on the same MCS-7835-1266 system	2500 Users	48 Sessions	2500 Users	52 Sessions

*Cisco Personal Assistant supports 15,000 busy hour call attempts (BHCA). Divided by an estimated six calls per person per hour, approximately 2500 users can be supported. See the Cisco Personal Assistant Design Guide for detailed deployment scenarios.

For acoustic models other than American English, expect a performance capacity range of the following:

- Approximately the same performance capacity for other locales with a similar acoustic model (plus or minus 5%).
- Approximately 5–10% reduced performance capacity for each additional locale running on the same PA speech server.
- Approximately 15% reduced performance if the maximum number of enhanced TTS sessions configured.

RELATED INFORMATION

Related Topics

- [Cisco Personal Assistant Datasheet](#)
- [Cisco Personal Assistant Technical Documentation](#)



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 Web site 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 © 2004 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, 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 Web site 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. (0402R) 204121.39_ETMG_JM_11.04

