

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) 7835H-3000—Features a single Intel Xeon 3.06-Ghz processor.
- Cisco Media Convergence Server (MCS) 7835I-3000—Features a single Intel Xeon 3.06-Ghz processor.
- Cisco Media Convergence Server (MCS) 7825H-3000—Features a single Intel Pentium 4 3.06-Ghz processor.
- HP DL 380G3
- IBM x345
- HP DL 320G2

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-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) 7835H-3000 or 7835I-3000 and 7825H-3000 systems:

Table 1 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 ¹	Speech Recognition Sessions	TTS Sessions	Cisco Personal Assistant Users ¹	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

1. 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.3

Server Installation	20,000 Names in Corporate Directory			45,000 Names in Corporate Directory		
	Cisco Personal Assistant Users ¹	Speech Recognition Sessions	TTS Sessions	Cisco Personal Assistant Users ¹	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

1. 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 3 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 ¹	Speech Recognition Sessions	TTS Sessions	Cisco Personal Assistant Users ¹	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

1. 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

Server Installation	20,000 Names in Corporate Directory			45,000 Names in Corporate Directory		
	Cisco Personal Assistant Users ¹	Speech Recognition Sessions	TTS Sessions	Cisco Personal Assistant Users ¹	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



Table 4 Using Acoustic Model English America (Continued)

Server Installation	20,000 Names in Corporate Directory			45,000 Names in Corporate Directory		
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

1. 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 5 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 ¹	Speech Recognition Sessions	Cisco Personal Assistant Users ¹	Speech Recognition Sessions
Cisco Personal Assistant server and speech recognition server installed on different systems of the same type	2500 Users	60 Sessions	2500 Users	88 Sessions
Cisco Personal Assistant server and speech recognition server installed on the same system	2500 Users	48 Sessions	2500 Users	52 Sessions

1. 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 6 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 ¹	Speech Recognition Sessions	Cisco Personal Assistant Users ¹	Speech Recognition Sessions
Cisco Personal Assistant server and speech recognition server installed on different MCS-7835-1266 systems	2500 Users	88 Sessions	2500 Users	72 Sessions
Cisco Personal Assistant server and speech recognition server installed on the same MCS-7835-1266 system	2500 Users	48 Sessions	2500 Users	40 Sessions

1. 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](#)



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