



WAVE® System Compatibility Document

Version 5.0

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1 Introduction

This document describes the compatibility of WAVE 4.8 components with other hardware and software components.

2 Operating Systems

The following operating systems are supported:

| Component | Windows 2003 Server Rel2, SP2 32-bit | Windows Server 2008 Enterprise 32-bit | Windows Server 2008 Enterprise 64-bit | Windows Server 2008 R2 Enterprise 32-bit | Windows Server 2008 R2 Enterprise 64-bit |
|----------------------------|--------------------------------------|---------------------------------------|---------------------------------------|--|--|
| Management Server | YES | YES | YES | YES | YES |
| Media Server | YES | YES | YES | YES | YES |
| WAVE Engine | YES | YES | YES | YES | YES |
| Desktop Communicator | no | no | no | no | no |
| Dispatch Communicator | no | no | no | no | no |
| Dispatch Communicator Lite | no | no | no | no | no |
| Web Communicator | no | no | no | no | no |
| Mobile Communicator | no | no | no | no | no |
| WTC Proxy Server | YES | YES | YES | YES | YES |
| Supernode Monitor Server | YES | YES | YES | YES | YES |
| Supernode Monitor Client | no | no | no | no | no |

| Component | Windows XP Professional SP3 | Windows Vista Enterprise 32-bit | Windows 7 Enterprise 32-bit | Windows 7 Enterprise 64-bit | Red Hat Enterprise Linux Server 5.1 |
|----------------------------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-------------------------------------|
| Management Server | no | no | no | no | no |
| Media Server | no | no | no | no | no |
| WAVE Engine | YES | YES | YES | YES | YES |
| Desktop Communicator | YES | YES | YES | YES | no |
| Dispatch Communicator | YES | YES | YES | YES | no |
| Dispatch Communicator Lite | no | YES | YES | YES | no |
| Web Communicator | YES | YES | YES | YES | no |
| Mobile Communicator | no | no | no | no | no |
| WTC Proxy Server | no | no | no | no | no |
| Supernode Monitor Server | no | no | no | no | no |
| Supernode Monitor Client | YES | YES | YES | YES | no |

| Component | Blackberry Bold 9000 | Blackberry Tour 9600 | | |
|----------------------------|----------------------|----------------------|--|--|
| Management Server | no | no | | |
| Media Server | no | no | | |
| WAVE Engine | no | no | | |
| Desktop Communicator | no | no | | |
| Dispatch Communicator | no | no | | |
| Dispatch Communicator Lite | no | no | | |

| | | | | |
|--------------------------|------------|------------|--|--|
| Web Communicator | no | no | | |
| Mobile Communicator | YES | YES | | |
| WTC Proxy Server | no | no | | |
| Supernode Monitor Server | no | no | | |
| Supernode Monitor Client | no | no | | |

3 Windows Applications

The following internet browsers are supported:

| Component | IE 7 | IE 8 | OCS Communicator 2007 R2 |
|-------------------|-------------|-------------|---------------------------------|
| Management Server | YES | YES | no |
| Web Communicator | YES | YES | no |
| OCS Plug-in | no | no | YES |

4 Java Run Time (JRE)

The following Java Run Time Environments are supported:

| Component | JRE 1.6.0 |
|-----------------------|------------------|
| SDK_Java | YES |
| Dispatch Communicator | YES |

5 .NET

The following .NET environments are supported:

| Component | .NET 2.0 | .NET 3.5 SP1 |
|---------------------------|-----------------|---------------------|
| WAVE Desktop Communicator | no | YES |
| SDK_.NET | YES | YES |
| Supernode Monitor Server | no | YES |
| Supernode Monitor Client | no | YES |

6 IP Telephony

The following IP Telephony gateways are supported and tested by **TPS QA**:

| Component | Avaya Comm Mgr 4.0 (H.323) | Cisco 28xx (Gateway) | Cisco 28xx (Gatekeeper) | Cisco UCM V4.2 (H.323) | Cisco UCM V6.0 (SIP) |
|------------------|-----------------------------------|-----------------------------|--------------------------------|-------------------------------|-----------------------------|
| Media Server | YES | YES | YES | YES | YES |
| WAVE Engine | YES | YES | YES | YES | YES |

| Component | Nortel BCM-50 (H.323) | Nortel BCM-50 (H.323 + SIP) | SIPx 3.10 (SIP) | Asterisk (SIP) | 3CX (SIP) |
|--------------|-----------------------|-----------------------------|-----------------|----------------|-----------|
| Media Server | YES | YES | YES | YES | YES |
| WAVE Engine | YES | YES | YES | YES | YES |

The following IP Telephony gateways are supported and tested by **TPS PARTNERS**:
NONE

WAVE clients are supported on the following IP Telephony endpoints:

| Component | Nortel 1140e | Nortel 1150e | Nortel 2007 | Cisco 7941 | Cisco 7961 | STENTOFON |
|------------------------|--------------|--------------|-------------|------------|------------|-----------|
| Management Server | YES | no | no | YES | YES | YES |
| Media Server | YES | no | no | YES | YES | YES |
| WAVE Engine | YES | no | no | YES | YES | no |
| Cisco IP Phone Client | no | no | no | YES | YES | no |
| Nortel IP Phone Client | YES | no | no | no | no | no |

7 3rd Party Radio Gateways

The following Radio Gateways are supported and tested by **TPS QA**.

| Component | Telex IP-223 | Telex NI-223 | Raytheon NXU-2 | TOCNET |
|-------------------|--------------|--------------|----------------|--------|
| Management Server | YES | YES | YES | YES |
| Media Server | YES | YES | YES | YES |
| WAVE Engine | no | no | no | no |

| Component | Cisco Router (E&M) | C4i RIU | Voice Interop AM360r | ETC VG-1400/1800 |
|-------------------|--------------------|---------|----------------------|------------------|
| Management Server | YES | YES | YES | YES |
| Media Server | YES | YES | YES | YES |
| WAVE Engine | no | no | no | no |

The following 3rd Party Radio Gateways are supported and tested by **TPS PARTNERS**.

| Component | Raytheon ACU-1000 | By-Light TRICS | Eutectics IPP200-PTT | NICS RAVIN Audio Gateway |
|-------------------|-------------------|----------------|----------------------|--------------------------|
| Management Server | YES | no | YES | YES |
| Media Server | YES | no | YES | YES |
| WAVE Engine | no | YES | no | no |

8 Radio Systems

| Component | CTI Comparator | TOCNET | MOTOTRBO (Wireless) |
|-------------------|----------------|------------|---------------------|
| Management Server | YES | YES | YES |
| Media Server | YES | YES | YES |
| WAVE Engine | no | no | no |

The following 3rd Party Radio Gateways are supported and tested by **TPS PARTNERS**.

| Component | Moto RGU (ACIM-IP) | Trident Passport | | |
|-------------------|--------------------|------------------|--|--|
| Management Server | YES | YES | | |
| Media Server | YES | YES | | |
| WAVE Engine | no | no | | |

9 Linux Audio Device Driver

The following Sound Cards are supported: Each sound card will be specifically listed as a WAVE supported layer 1 device.

| Component | ALSA | Direct DSP |
|-------------------|------------|------------|
| WAVE Engine Linux | YES | YES |

10 Codecs

The following codecs are supported:

| Component | G.711 ALaw 64K | G.711 uLaw 64K | G.721 | G.726 @ 16 kbps | G.726 @ 24 kbps | G.726 @ 32 kbps |
|-------------------|----------------|----------------|------------|-----------------|-----------------|-----------------|
| Management Server | YES | YES | YES | YES | YES | YES |
| Media Server | YES | YES | YES | YES | YES | YES |
| WAVE Engine | YES | YES | YES | YES | YES | YES |

| Component | GSM Fullrate | PCM 16-bit 128 kbps | RGL Alaw | RGL uLaw | Speex (all) | G.729a |
|-------------------|--------------|---------------------|------------|------------|-------------|------------|
| Management Server | YES | YES | YES | YES | YES | YES |
| Media Server | YES | YES | YES | YES | YES | YES |
| WAVE Engine | YES | YES | YES | YES | YES | YES |

11 PBX Testing Matrix

| PBX | Linux | Windows |
|-----------------------|-------|---------|
| Cisco | | |
| CCM 6.1 – SIP | | |
| CCM 6.1 – H.323 | | |
| CCM 4.2 Gw – H.323 | | |
| CCME 12.4T Gk – H.323 | | |
| CCME 12.4T Gw – H.323 | | |
| CCME 12.4T Gk – SIP | | |
| CCME 12.4T Gw – SIP | | |
| | | |
| Avaya H.323 | | |
| CM Gw 4.0 | | |
| CM Gk 4.0 | | |
| CM Gk 4.0.1 | | |
| CM Gw 4.0.1 | | |
| CM Gk 5.0.2 | | |
| CM Gw 5.0.2 | | |
| | | |
| Nortel H.323 | | |
| BCM 50 Gw | | |
| CS1K | | |
| | | |
| General | | |
| SIP X 3.10 – SIP | | |
| Asterisk 1.4.17 - SIP | | |
| 3CX - SIP | | |
| Gnu Gatekeeper | | |