

# Vocera 4.0 and 4.1 Server Sizing Matrix (Physical Hardware)

## Recommended Configuration Guidelines

Vocera User or Enterprise License	Entities (Spoken Name Count <sup>(1)</sup> )			
	< 600	600 - 6,000	6,000 - 90,000	90,000 - 150,000
75 - 150 User	<u>Vocera Server w/ Telephony</u> Intel Xeon Dual-Core 4GB RAM 80GB HD, DVD Windows 2003 Standard	Single Site or Multiple Sites	Single Site or Multiple Sites	Requires Multiple Sites
300 - 600 User	<u>Vocera Server</u> 1 or 2 Socket, Intel Xeon Dual-Core or Intel Xeon Quad-Core 4GB RAM, 200GB HD, DVD Windows 2003 Standard or Enterprise  <u>Vocera Telephony Server</u> Intel Xeon Dual-Core 4GB RAM, 80GB HD, DVD Full-length, full-height PCI, PCI-X or PCI-Express slot for Dialogic board Windows 2003 Standard			
150 - 450 Enterprise				
750 - 1750 User	<u>Vocera Server</u> 2-Socket, Intel Xeon Quad-Core 4GB RAM, 200GB HD, DVD Windows 2003 Standard or Enterprise  <u>Vocera Telephony Server</u> Same as above  Best Practice: Limit each site to no more than 1500 Simultaneous Users and 50,000 Spoken Names			
600 - 2700 Enterprise				
2700 - 4200 Enterprise	<u>Vocera Server</u> 2-Socket, Intel Xeon Quad-Core 8GB RAM, 200GB HD, DVD Windows 2003 Enterprise			

<u>Vocera Report Server</u> Intel Xeon Dual-Core, 4GB RAM, 100GB HD	<u>Vocera Staging Server</u> Intel Xeon, 2GB RAM, 40GB HD
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<u>Vocera Client Gateway (VCG)</u> Intel Xeon Dual-Core, 4GB RAM, 40GB HD
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- Notes:**
- Spoken Name Count includes user names, group names, alternate spoken names and department names
  - Motorola supports running Mobility Services Platform (MSP) on VMware. If you decide to deploy Vocera Client Gateway on VMware, you should install Vocera Client Gateway and Motorola MSP on separate VMs.

## Vocera Server Sizing Guidelines Release 4.0 and 4.1

As part of the Vocera 4.1 release, Vocera performed extensive performance testing. This testing showed no difference in the CPU utilization and system performance between Vocera 4.0 and Vocera 4.1.

With this update to the Server Sizing Guidelines, we now include a recommended server sizing guidelines instead of a minimum server sizing guidelines. For customers upgrading to Vocera 4.1 who do not meet the recommended guidelines, it is a good time to upgrade your servers. This is especially true if you are planning to increase the number of users on your system.

### **Vocera 4.1 VTS now support Dialogic PCI-Express cards**

With Vocera 4.1, the Vocera Telephony Server now supports the Dialogic PCI-Express cards. See the Telephony Installation section of the Vocera installation for the specific cards that are supported.

**NOTE:** All Dialogic boards are 12.3 inches long (without the edge retainer), 3.87 inches high (without the edge connector), and .79 inches wide (single-slot width). They require full-length and full-height PCI, PCI-X, or PCI Express slots. They are not compatible with smaller form factors.

Please contact Vocera Technical Support if you have any additional questions.

### **VMware Support for VRS and VCG**

Effective January 18th, 2010, Vocera now supports the Vocera Report Server (VRS) and Vocera Client Gateway (VCG) running in a VMware virtualized environment. The VRS and VCG must be at Vocera 4.1 SP4 software version or greater. In addition, Motorola supports the running of Mobility Services Platform (MSP) on VMware.

Watch for future announcements from Vocera about additional Vocera servers supported on VMware.

The following documents on VMware support provide additional information:

- [Infrastructure guide \(Appendix E\)](#) - Posted on [www.vocera.com](http://www.vocera.com) in the Products / Resources / Documentation area.
- [VMware Knowledge Base Article \(1019\)](#) – This is located on the Tech Support Website at
- <https://na4.salesforce.com/50160000009syn?srPos=0&srKp=501>