



## Cisco Voice Services Provisioning Tool 2.6(1)

The Cisco® Voice Services Provisioning Tool (VSPT) provides a GUI for the creation, modification, and execution of signaling connections, trunks, trunk groups, routes, and dial plans on the Cisco PGW 2200 Softswitch and the Cisco Billing and Measurements Server (BAMS).

### Product Overview

The Cisco VSPT provides an easy-to-use graphical tool to provision the Cisco PGW 2200 and Cisco BAMS. Users can import existing configurations into Cisco VSPT for modification and then download the modified configurations to the same or different devices. Cisco VSPT can generate the initial network provisioning information in bulk for a newly installed node, creating iterative entries from a single operation. It also supports the provisioning of individual call parameters, simplifying the provisioning of large, live networks. To simplify operator tasks, such as trunk group provisioning, Cisco VSPT employs a user interface tailored for voice configuration. Cisco VSPT automatically generates the scripts used to configure network elements.

### Key Features and Benefits

Table 1 lists the features and benefits of the Cisco VSPT.

**Table 1.** Features and Benefits

Features	Benefits
<b>Command GUI</b>	Displays provisioning options on pop-up menus to reduce training and operator error.
<b>Syntax Checking</b>	Reduces errors from typos and incorrect data entry.
<b>Workflow Wizards</b>	Simplify the Cisco PGW 2200 provisioning process and workflow for inexperienced operators.
<b>On/Offline Operation</b>	Supports real-time incremental or bulk provisioning as well as offline bulk provisioning, reducing the need for constant access to the Cisco PGW 2200. Dial plans, trunk groups, and signaling links can be preprovisioned before hardware is available to speed turn-up time.
<b>Control Features</b>	Provides a convenient control area to activate or deactivate various components during provisioning operations.
<b>Script Viewer</b>	Scripts created by Cisco VSPT may be viewed and modified prior to transmission, helping ensure accuracy and consistency.
<b>Incremental Provisioning</b>	Sets only those values actually changed, reducing overall configuration update time.
<b>Cisco BAMS and PGW 2200 Configuration Verification</b>	Cisco VSPT checks to make sure the trunk groups configured on Cisco BAMS and PGW 2200 are aligned to ensure accurate billing and measurement records.

### Product Architecture

Cisco VSPT is a Solaris application written in Java that uses an xterm standard workstation display. Cisco VSPT has no specific configuration database and requires very little administration. It always pulls the latest configuration and provisioning information from the Cisco PGW 2200 to which it is connected. These configurations may be stored in Cisco VSPT for offline updating and later redeployed to the Cisco PGW 2200.

## Managed Devices

Table 2 lists the devices that Cisco VSPT provisions.

**Table 2.** Managed Devices

Cisco VSPT Version	Status	Cisco PGW 2200 Version Supported	Cisco BAMS Version Supported
1.6	End of sale	7.4(11)	2.6(8)
2.1	End of sale	9.1(5)	3.10
2.2	End of sale	9.2	3.10
2.3(1)	End of sale	9.3(1)	3.10
2.3(2)	End of sale	9.3(2)	3.10
2.4(1)	Available	9.4(1)	3.13
2.5(2)	Available	9.5(2)	3.13
2.6(1)	Available	9.6(1)	3.20

## Product Specifications

Table 3 lists the product specifications for Cisco VSPT 2.6(1).

**Table 3.** Product Specifications

<b>Product Compatibility</b>	See Table 2
<b>Software Compatibility</b>	Supports co-resident operation with Cisco Media Gateway Control Node Manager and Cisco PGW 2200 Softswitch Tested compatible with Reflection X and also supports Hummingbird Exceed X-Window emulation
<b>Protocols</b>	FTP, command-line interface (CLI), Cisco PGW Man Machine Language (MML)
<b>Components</b>	Single .tar file downloaded from Cisco.com Software Center <a href="#">VSPT download page</a>
<b>Connectivity</b>	Cisco VSPT requires a TCP/IP network connection to the Cisco PGW 2200 and Cisco BAMS with no minimum requirement for bandwidth. Connections with less than 128 Kbps may slow the provisioning process for fully loaded Cisco PGW 2200 configurations.
<b>Function</b>	Configuration Management and Infrastructure Provisioning

## System Capacity

Cisco VSPT connects with a single Cisco PGW 2200 or Cisco BAMS node at a time, so there are no capacity issues to consider. Multiple xterm operators may access Cisco VSPT simultaneously, which may increase the Sun platform requirement in order to maintain desirable operator response time.



## System Requirements

The Sun hardware requirements for Cisco VSPT are as follows:

- Σ Sun Solaris 8 operating system
- Σ 300 MB available disk space
- Σ 128 MB RAM minimum
- Σ 128 MB minimum swap space

## To Download the Software

Visit the Cisco.com [VSPT download page](#) to download Cisco Management Software.

## Service and Support

Cisco Systems® offers a wide range of services programs to accelerate customer success. These services programs are delivered through a combination of people, processes, tools, and partners, resulting in high levels of customer satisfaction. Cisco services help you to protect your network investment, optimize network operations, and prepare the network for new applications to extend network intelligence and the power of your business. Service and support for Cisco VSPT is included as part of the service and support contract on the Cisco PGW 2200. For more information about Cisco Services, see [Cisco Technical Support Services](#) or [Cisco Advanced Services](#).

## For More Information

For more information about the Cisco Voice Services Provisioning Tool, visit:

<http://www.cisco.com/en/US/products/sw/netmgtsw/ps2272/index.html>.

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