



# Integrator's Reference Manual for the VSX Series

Version 8.6 Addendum for SCCP

December 2006 Edition  
3725-24334-001/A  
VSX Version 8.6



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# System Commands

This document describes the API commands that have been modified for VSX Series Version 8.6 for SCCP.

For information about using the VSX Series API commands and a listing of the other API commands, refer to the [Integrator's Reference Manual for the VSX Series, Version 8.5](#).

## About the API Commands

### Syntax Conventions

The following conventions are used for the API command descriptions in this chapter. All of the commands are case sensitive.

Convention	Meaning
<param1 param2 param3>	Multiple valid parameters are enclosed in angle brackets and separated by the pipe (" ") character. Example: <code>allowdialing &lt;yes no get&gt;</code> shows that the <code>allowdialing</code> command must be followed by one of the parameters listed.
[param] ["param"]	Optional parameters are enclosed in square brackets. Quotation marks indicate strings to be supplied by the user. Example: <code>ping "xxx.xxx.xxx.xxx" ["count"]</code> shows that you can supply a value for <code>count</code> , or omit it and let the default value apply. You do not need to enclose a value in quotes unless it contains a space.
{a..z}	A range of possible alphanumeric values is enclosed in braces. Example: <code>abk letter {a..z}</code> shows that the <code>abk</code> command can be used to return address book entries that begin with an alphanumeric character in the range specified. Example: <code>camera near {1..4}</code> shows that the <code>camera</code> command can be used to select camera 1, 2, 3, or 4 at the near site.
"x"	Quotation marks indicate strings to be supplied by the user. You do not need to enclose the value in quotes unless it contains a space.

Although the API command parser may accept the minimum number of characters in a command which makes it unique, you should always use the full command string.

## Availability of Commands

The availability of API commands depends on the type of system and optional equipment installed or connected. If a setting is not configured on the system, issuing a command for that particular setting returns the feedback that the command is not supported for this configuration.

*Deprecated* commands are included for backward compatibility only and are not recommended for use with this version. Suitable replacements are noted for each deprecated command.

## callinfo

Lets you get the connection ID for an active call. This command is only available when the system is in a call.

### Syntax

```
callinfo all
```

### Feedback example

This example shows the response for a call with the connection ID "3".

```
callinfo begin
callinfo:3:John-7000e:136102:connected:muted:outgoing:videocall
callinfo end
```

## conference

Adds another site to an existing call. Note that a conference must be initiated by a site in an active call. Other sites cannot join an active call to create a conference.

Note that this command must be used twice for each site added: once to initiate the conference, and again to complete the conference.

### Syntax

```
conference manual "connectionID" "newNumber"
```

Parameter	Description
"connectionID"	Identifier found by using the <code>callinfo</code> command or displayed in the most recent system response. For example, the Connection ID is 2 in the following system response: <pre>active: call[2] speed[832]</pre> <ul style="list-style-type: none"> <li>In the first instance of the conference command, use the Connection ID of the Active Call.</li> <li>In the second instance of the conference command, use the Connection ID of the new call.</li> </ul>
"newNumber"	SCCP extension of the site you want to add.

### Feedback Examples

The VSX system returns the following responses over telnet port 24:

- `conference manual connID[1] Success`
- `conference manual connID[n] Failed`

## connection hold

Places the call on hold or resumes a call that is on hold.

### Syntax

```
connection hold "connectionID" "on" | "off"
```

Parameter	Description
"connectionID"	Connection ID of the active call.
"on"   "off"	"on" puts the call on hold. "off" resumes a call that is on hold.

### Feedback Examples

The VSX system returns the following responses over telnet port 24:

- connection hold "connectionID" on successful
- connection hold "connectionID" off successful
- connection hold "connectionID" on failed
- connection hold "connectionID" off failed

## dial

Dials video or audio calls either manually or from the directory.

### Syntax

```
dial manual "dialstr1"
```

Parameter	Description
"dialstr1"	Valid ISDN or IP directory number.
manual	Dials a video call number dialstr1 at speed of type h323 or h320. Requires the parameters "speed" and "dialstr1".

## forward

Sends calls to another site. This setting applies to future calls. An active call cannot be forwarded.

### Syntax

```
forward unconditional address "extension" on
forward unconditional off
```

Parameter	Description
"extension"	Specifies the SCCP extension to which calls will be forwarded.

### Feedback Example

- forward unconditional address 132182 on
- ...
- forward unconditional off

## setPrimaryTftpAddr

Sets the Primary TFTP server IP address.

### Syntax

```
setPrimaryTftpAddr "xxx.xxx.xxx.xxx"
```

Parameter	Description
"xxx.xxx.xxx.xxx"	IP address of the Primary TFTP server.

### Feedback Examples

```
Primary TFTP IP address successfully changed [1]
Restart system for changes to take effect. Restart now?<y,n>
```

## setSecondaryTftpAddr

Sets the Secondary TFTP server IP address.

### Syntax

```
setSecondaryTftpAddr "xxx.xxx.xxx.xxx"
```

Parameter	Description
"xxx.xxx.xxx.xxx"	IP address of the Secondary TFTP server.

### Feedback Examples

```
Secondary TFTP IP address successfully changed [1]  
Restart system for changes to take effect. Restart now?<y,n>
```

## setTertiaryTftpAddr

Sets the Tertiary TFTP server IP address.

### Syntax

```
setTertiaryTftpAddr "xxx.xxx.xxx.xxx"
```

Parameter	Description
"xxx.xxx.xxx.xxx"	IP address of the Tertiary TFTP server.

### Feedback Examples

```
Tertiary TFTP IP address successfully changed [1]  
Restart system for changes to take effect. Restart now?<y,n>
```

## transfer

Transfers the active call to another site. Note that only the active call can be transferred. This command must be used twice: once to initiate the transfer and again to complete the transfer.

### Syntax

```
transfer manual "connectionID" "destinationAddress"
```

Parameter	Description
"connectionID"	Identifier found by using the <code>callinfo</code> command or displayed in the most recent system response. For example, the Connection ID is 2 in the following system response:  active: call[2] speed[832]
"connectionID"	Connection ID of the new call.
"destinationAddress"	The SCCP extension of the destination site.

### Feedback Example

The VSX system returns responses over telnet port 24. The following example transfers a call to extension 132182.

```
active: call[2] speed[832]
transfer manual 2 13282
active: call[3] speed[832]
transfer manual 3 13282
transfer manual connID[3] Success
```

If the transfer was unsuccessful, the system returns the following message instead:

```
transfer manual connID[3] Failed
```

