



Video Communication Solution (VCS)

Video Communication and Collaboration

Toshiba has made video applications virtually as easy to use as a traditional telephone, and because it's compatible with Strata® CIX™ system and telephone handsets, VCS™ offers a very affordable entry point into video communication and collaboration.

Integrated Point-to-Point Three-Party Video Communication and Collaboration

VCS provides affordable point-to-point, three-party video communication, desktop/application sharing, file transfer, and message board capabilities. VCS brings Video telephony to Strata IP telephones, digital telephones and SoftIPT® soft phones by adding video communications to traditional voice conversations. From the Session Member List, users can view all VCS members and can easily select those members they wish to take part in their collaboration sessions. Users can share their Windows® desktop and applications with each other, allowing them to enjoy a multimedia collaboration experience.

VCS Feature Highlights:

- > Fully integrated with the Strata CIX systems including multiple systems networked via Strata Net.
- > Pre-installed when shipped with the Strata Media Application Server (MAS) and managed by VCSManager, VCS easily extends the user's multi media experience with the VCS client running on their Windows XP computer.
- > Video-Friendly and easy to use automatic interface, allows users to see, hear and interact with each other, without having to click a mouse or push a button to start or stop their video communication.
- > Collaboration-The VCS collaboration console enables Strata users to share their desktop, applications or documents. Users can collaborate on projects or workgroup discussions and can edit the same materials during their voice communication session (independent of video).
- > File Transfer-The VCS File Transfer console enables easy sending/receiving of files during collaboration sessions.
- > Message Board-An easy to use Message Board console enables VCS users to type text messages during collaboration sessions.

Functionality is integrated into the telephony capabilities, with features specifically tailored to handle video telephony, including:

- > Automatic start and log on options
- > Default Video Display On or Off
- > Select Default Video Display Setting
- > Self Video Preview
- > Station Hunting
- > Video Forward
- > Video Hold
- > Video Park/Pickup (local node only)
- > Video Transfer

Compatible with Virtually Any Type of Strata Endpoint

Compatible with all types of Strata endpoints, including IP telephones and digital telephones as well as soft phones, the VCS puts the user in charge of how they want to use video communications.

Maximizes Productivity via Remote Video Communication and Collaboration

VCS applications take productivity to a new level by allowing remote workers to see, hear, interact and collaborate on projects together, no matter where they are physically located.

Whether it's used for daily organizational calls or VIP communication, you can conduct remote in-person meetings, virtual work group discussions, field engineer support, sales staff support, product prototype demonstrations and much more. Because it takes the place of face-to-face meetings, VCS can dramatically reduce the cost of business travel and can enhance productivity and quality of work.

SPECIFICATIONS

Strata CIX	<p>Release Versions: 4.2 or higher</p> <p>Endpoints: Strata digital telephones, Strata IP telephones and SoftIPT soft phones</p> <p>Strata CIX remote nodes must be networked via Strata Net</p>
Client PC Requirements	<p>Hardware:</p> <ul style="list-style-type: none"> > CPU: PentiumM 1.5GHz or greater > Memory: Minimum 512MB > Free hard disk space: 10MB > Network I/F: Minimum 100 BASE-TX <p>Operating System:</p> <ul style="list-style-type: none"> > Windows XP Pro or Home with SP1 or SP2 > DirectX version 9.0c or higher (and compliant video graphics card)
Accessories	<p>Camera: Recommend Logitech QuickCam Pro 5000 or QuickCam for Notebooks Pro</p>
Server Requirements	<p>Strata MAS and MicroMAS with:</p> <ul style="list-style-type: none"> > Windows XP Pro SP1 or SP2 > Internet Explore version 6.00 or higher > IIS in Microsoft Add-on Components > Intel™ Pentium4 2.4GHz (MAS) or Intel Celeron D 2.8GHz (MicroMas) processor > 1GB RAM > Free hard disk space: 120MB > CD-ROM drive > 10/100BaseT Network Interface Card.
Capacities	<p>VCS System:</p> <ul style="list-style-type: none"> > Maximum Number of Strata CIX nodes (based on RAM): 9 (1GB), 32 (2GB), 55 (3GB) and 79 (4GB) > Number of configured users: Limited to available disk space > Maximum activated user licenses: 480 > Maximum active session users: 480
Video	<p>Standards: MPEG4</p> <ul style="list-style-type: none"> > Output Format: VGA, QVGA, QCIF > Encoding Bit Rate: 128kbps to 1.5Mbps > Video Frame Rate: Auto adjust up to 30 frames per second.
Protocols	<p>Signaling: Client/Server-SIP RFC 3261</p> <ul style="list-style-type: none"> > Networking: TCP/IP v4, FTP, HTTP > Client: UPnP > Server: CSTA
Administration	<ul style="list-style-type: none"> > Web based VCSManager: VCS server information settings, CIX Profiles settings, User information settings, QoS settings, System Video settings, Administrator information, VCS license activation, log files-to local disk or transfer log files using FTP, backup and restore system data, display operation status (User and Server status, Version information, maximum of user licenses purchased and number of active users logged on) > Log file size: Maximum 450MB in HDD per Strata CIX > VCSManager can only manage one VCS server. One VCS server can handle multiple Strata CIX nodes.

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