

Overview

Models

HP VCX Connect 100 Unified Communications Primary Server

JE340A

HP VCX Connect 100 Unified Communications Secondary Server

JE342A

Key features

- VoIP platform with flexible, modular gateway
- Built-in phone, messaging, and softphone licenses
- Resiliency with optional redundant server
- Voice, video, IM collaboration
- Supports up to 600 users w/6 networked servers

Product overview

HP VCX Connect 100 Unified Communications Series delivers an enterprise-class, full-featured VoIP phone system designed to cost-effectively meet the rugged, collaborative work environments of small enterprises. Utilizing a resilient architecture, VCX Connect 100 ensures highly available, high-performance telephony and desktop communications. For organizations with up to 100 phone users, VCX Connect 100 offers an economical IP telephony and messaging solution that delivers advanced features and unified communications. The platform's flexible, intuitive design and management help businesses replace legacy PBXs with SIP-based VoIP solutions that provide a full range of collaborative functionality—including click-to-call, presence, instant messaging, mobility, and unified voicemail/email messaging. The modular VCX Connect 100 ships with 4-port FXO and 4-port FXS modules installed but provides the flexibility to integrate additional analog, ISDN, or digital gateway modules as needed.

Features and benefits

Quality of Service (QoS)

- **Echo cancellation:** automatically adjusts and removes echo from a telephone call
- **Dynamic programmable jitter buffer:** software-configurable setting designed to ensure voice frames arrive at the same rate
- **Voice activity detection:** proprietary algorithm designed to reduce/filter background noise
- **Comfort noise generation:** provides low audible artificial background noise to improve VoIP communications
- **802.1p/Q VLAN tagging:** delivers data to devices based on the priority and type of traffic; supports IEEE 802.1Q

Resiliency and high availability

- **Enhanced high availability:** backup VCX systems, whether co-located with the primary VCX or deployed in another office on the same network, provide geographic survivability and rapid failover for mission-critical communications
- **Optional RAID disk:** helps ensure resiliency in the event of component failure
- **Optional redundant power supply:** provides seamless business continuity and data protection

Configuration

- **Media gateway support:** streamlines migration to IP communications and provides PSTN connectivity with a full range of either integrated or standalone VoIP gateways

Investment protection

- **Lower total cost of ownership:** reduce capital and operating expenses and increase network freedom and flexibility by integrating voice gateway modules



Overview

- **Analog phone support:** leverage existing investment in analog phones while implementing a full set of PBX features

Ease of use

- **Built-in licensing:** VCX Connect 100 system ships with default licenses—VCX IP Telephony/IP Messaging Server license, 25 business phone licenses, 25 IP messaging seat licenses, 25 Desktop Communicator softphone licenses, 25 Convergence Client softphone licenses, and 4 analog/entry licenses
- **LDAP synchronization with Microsoft® Active Directory, IBM Lotus Domino, Linux OpenLDAP:** easily integrate, filter, and synchronize employee contact information, thereby simplifying administration and ensuring reliable connections based on the most current user information
- **Ease of deployment:** VCX Connect 100's out-of-the-box first-time configuration provides simpler installations using a Web-based, wizard-like interface that walks you through the installation process
- **Easy to use:** GUI-driven central management and configuration

Scalability

- **Supported devices:** pay as you grow up to 100 devices per platform and up to 600 devices in total via VCX global directory, which enables up to six VCX Connect 100 platforms to function as a single system

Additional information

- **Optional mobility for telecommuters:** optional HP VCX IP Telecommuting Series allows remote users the full benefit of their corporate IP telephony system without compromising security
- **Optional multimedia conference bridge:** when businesses require a dense conferencing system to reduce the overhead and cost of expensive third-party conferencing products, then the HP VCX V7000 IP Conferencing Series is the choice; capabilities include host and participant Web-based conference controls, instant and emergency conferences with automatic dial-out options, scheduled and meet-me restricted conferences (requires participant passcode), peer-to-peer and one-to-many conferences, and more
- **Optional network management:** use the HP Intelligent Management Center (IMC) and Voice Services Manager (VSM) to configure, monitor, and optimize the performance of media servers, gateways, and endpoints; to monitor VoIP traffic; and to control voice network quality

Product architecture

- **Multisite architecture:** highly flexible architecture eliminates the dependency on any single component for unprecedented resiliency and end-to-end survivability; use Web-based centralized administration, global directory, and global voicemail to seamlessly link VCX systems together to scale your IP-PBX network as your business grows
- **Standards-based IP-PBX:** support for standard PBX and advanced telephony and messaging features based on the IETF Session Initiation Protocol (SIP) standards; support for third-party SIP-based applications and devices
- **Integrated server:** IP telephony and IP messaging modules run on Linux OS

Technical features

- **Ad hoc conferencing:** VCX Connect 100 supports up to 30 sessions of ad hoc conferencing with a maximum of six parties per conference
- **Shared lines and extension status:** single-line and multi-line phone support and bridged extensions for executives and administrators

User productivity

- **Unified Communications:** increase employee collaboration thru the audio, video, instant messaging, file sharing, and presence capabilities within the HP Desktop Communicator; extend the Microsoft environment with HP Desktop Communicator Outlook Edition add-on to enable click-to-call/conference via Microsoft Outlook, to capture and retrieve call



Overview

notes with Microsoft Journal, and to perform desktop call recording; HP VCX is fully integrated with Lotus Sametime

- **Unified Messaging:** consolidate users' voicemail, email and faxes into a single inbox for flexible, location-independent retrieval and management; schedule appropriate times when messages are delivered; send voicemails to individuals or groups using extensive and easy-to-maintain distribution lists; set up find me/follow me services to conveniently manage one's own anywhere, anytime access to ensure important calls are never missed; auto-deliver incoming fax calls to email and send fax from email
- **Web user interface:** listen to and manage voicemail messages

Voice functionality

- **Hot desking:** mobile users can effortlessly traverse within the VCX system, log into another handset, and have all their desktop extension settings, including voicemail, at their fingertips
- **Call admission control:** fine-tune and throttle media traffic to prevent VoIP over-subscription—even down to a particular extension
- **Pin codes:** prevent unauthorized outbound dialing and/or manage and record telephony calls via forced account codes and customer account and billing codes; pin code portability allows users to roam the VCX system and utilize their existing data
- **Hunt groups:** built-in call distribution provides agent log-in functionality; support for 3 selectable call routing algorithms
- **Automatic call distribution:** add-on economical call center application that includes 5 selectable routing algorithms, the ability to capture real-time statistics, and support for remote agents in various VCX locations

Warranty and support

- **1-year warranty:** with advance replacement and 30-calendar-day delivery (available in most countries)
- **Electronic and telephone support:** limited electronic and telephone support is available from HP; refer to: www.hp.com/networking/warranty for details on the support provided and the period during which support is available
- **Software releases:** refer to: www.hp.com/networking/warranty for details on the software releases provided and the period during which software releases are available for your product(s)



Technical Specifications

HP VCX Connect 100 Unified Communications Primary Server (JE340A)

Ports	6 voice interface module I/O slots	
	1 RJ-45 autosensing 10/100 port (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX); Duplex: half or full	
	4 RJ-11 FXO ports	
	4 RJ-11 FXS ports	
	1 RS-232C	
Physical characteristics	Dimensions	13.82(d) x 19.02(w) x 1.75(h) in. (35.1 x 48.3 x 4.45 cm) (1U height)
	Weight	16 lb. (7.26 kg) Shipping Weight
Mounting	Mounts in EIA standard 19 inch telco rack or equipment cabinet (hardware included)	
Environment	Operating temperature	32°F to 113°F (0°C to 45°C)
	Operating relative humidity	10% to 90%, noncondensing
	Nonoperating/Storage temperature	14°F to 158°F (-10°C to 70°C)
Electrical characteristics	Voltage	100-240 VAC
	Frequency	50/60 Hz
Safety	UL 60950-1; EN 60950-1	
Emissions	EN 55022 Class B; EN 55024; FCC CFR 47 Part 15 Class B; EN 300 386; EN 61000-3-2; EN 61000-3-3	
Management	IMC - Intelligent Management Center; command-line interface; Web browser; SNMP Manager; Telnet; HTTPS	
Notes	Integrated IP Messaging Voice Ports; up to 30 simultaneous auto-attendant, music-on-hold, fax or voicemail ports supported Integrated Gateways Options	
	<ul style="list-style-type: none">• Supports up to a maximum of six (6) analog modules• Supports up to a maximum of five (5) BRI modules• Supports up to a maximum of two (2) digital spans	
	Support for stand-alone VCX V7111, VCX V7122, MSR 20-xx and MSR-30 Series analog, ISDN and digital gateways	
Services	3-year, parts only, global next-day advance exchange (UW162E) 3-year, 24x7 SW phone support, software updates (UW172E)	
	Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.	
Features	System	Mute
	Ad hoc conferencing	Paging (analog external paging system)
	Centralized management	Paging (group - zone)
	Call detail records	Paging (phone-to-phone), send beep with calling number
	Converged application based architecture	
	Emergency services	Paging (SIP external paging system)
	End-to-end SIP signaling	Phone lock/unlock
	Global directory	Privacy (block silent monitor/berge-in)
	Global voice mail	Privacy (calling number suppression)



Technical Specifications

- IP telephony
- IP unified messaging
- Linux operating system with additional security
- SIP back-to-back user Agent
- Standards-based connectivity
- System redundancy
- Web services SDK

Resiliency

- Redundancy, IP telephony
- Redundancy, IP messaging
- Redundancy, IP phones and media gateways
- Redundancy, optional RAID
- Redundancy, optional power supply

System administration

- Add VCX licenses
- Administration access control
- Administration secure access
- Audit trails and logging enhancements
- Command Line Interface
- Configuration back-up and restore
- CPU, memory, I/O statistics
- First-time configuration
- First-time data import
- Importing data
- Installed component versions
- Multiple administrators
- Multiple language support
- Online administrator help
- Password support, administrator and system access
- Provisioning; bulk moves, adds, changes
- Remove previous software versions
- Resetting a VCX server
- Reset to defaults
- Root directory access
- Searches
- Site configuration data
- Software upgrades and rollbacks
- Switch software versions
- System information
- User data LDAP synchronization: Lotus Domino running on IBM; Lotus Domino running on Windows® Server 2003, 2008; Microsoft Active Directory on Windows Server 2003, 2008; OpenLDAP on Linux
- VCX service licensing
- View VCX licensing data
- Virtual numbers

Quality of service

- DSCP tagging

- Serial calling (transfer with callback)
- Silent monitor/barge-in
- Simultaneous ringing
- Speed dial (personal)
- Speed dial (system)
- Transfer to voicemail (direct)
- Voicemail access
- Warmline (warm ring down circuits)

IP telephony routing

- Calendar bands
- Call admission control
- Call blocking
- Daytime bands
- Dialing prefixes
- Direct Inward Dialing (DID)
- Direct Outward Dialing (DOD)
- Dialed Number Identification Service (DNIS)
- E.164 numbering plan
- External directory access
- Holidays
- NANP support
- Network abbreviated dialing
- Number translations
- Outdial patterns
- Patterns
- Prioritization of trunks/routes
- Private line service
- Requestors
- Routes
- Route (plans and plan wizard)
- Routing (alternate)
- Routing (blacklist)
- Routing (call coverage)
- Routing (first available)
- Routing (global directory)
- Routing (IP to PSTN)
- Routing (IP to IP)
- Routing (least cost)
- Routing (PSTN to IP)
- Routing (source based)
- Routing (VPN numbering plan)
- Routing (white list)
- Trusted end points
- Weekday bands

IP messaging architectural

- G.711
- G.729
- Global voicemail central server
- Redundancy (intelligent mirroring)



Technical Specifications

Dynamic jitter buffer
G.711 audio codec
G.729ab audio codec
Packet-loss rate
Pay-load length
QoS: 802.1p tagging (Prioritization)
QoS: 802.1Q tagging (VLAN)
Video codec
Video resolution
Wide-band audio codec

Security

Network security policies
Operating system security
Secure access
Security: Locking MAC addresses to switches
User authentication methods

System management

Alarm notification
Audio performance reporting (local)
Auto discovery and management of IP devices
Intelligent Management Center Voice Service Manager: centralized management
Maintenance, graceful shutdown of services
Operating system updates
Quality of service end of call reporting
SNMP MIB access
SNMP traps
SNMPv1, v3
System back-ups

Reporting

Call detail records (reporting)
Call detail records (structure)

IP telephony calling

Anonymous all
Anonymous next
Anonymous call reject
Automatic call distribution (ACD)
ACD groups (call coverage)
ACD groups (calling groups)
ACD groups (CDR reporting)
ACD groups (circular)
ACD groups (feature interactions)
ACD groups (least-call count)
ACD groups (linear)
ACD groups (login/logout)
ACD groups (malicious call trace)
ACD groups (message-waiting indication)
ACD groups (most idle agent)

IP messaging

Message annotation
Message append
Message auto-delivery
Message auto playback
Message broadcast
Message delete
Message delete retrieval
Message delivery report
Message delivery to nonsubscribers
Message deposit
Message deposit treatment options
Message folders
Message forward
Message notification
Message notification options
Message priority
Message record options
Message reply
Message retrieval
Message review
Message review options
Message review playback controls
Message save
Message schedule delivery
Message send
Message send treatment options
Mailbox login
Mailbox login

Greeting

Default system greeting
Personal busy greeting
Personal extended absence greeting
Personal normal greeting
Personal scheduled greetings

Distribution list

Administrator distribution lists
Personal distribution lists
System distribution lists

Directory

Directory search
Directory search (dial-by-name)

User productivity

Auto attendants
Bulletin board
Call back
Call monitor
Family mailbox



Technical Specifications

ACD groups (multisite)	Force password change
ACD groups (real-time statistics)	Listen and manage voicemail messages from Web user interface
ACD groups (view ACD group status)	Mailbox alias
Automatic line selection (multiple system appearance)	Mailbox auto login
Bridged line appearance	Mailbox full alert
Bridge line appearance (MWI)	Mailboxes for announcements
Bridge line appearance (shared hold)	Mailboxes for forms (Q&A)
Busy lamp field	Mailboxes for information
Call conference (drop)	Mailboxes for surveys
Call conference (six-way calling)	Mailboxes for system bulletins/broadcasts
Call conference (three-way calling)	Message-waiting indication
Call coverage	Music-on-hold
Call drop	Outline help
Call duration display	Personal address book
Call forward all (universal)	Personal auto-attendant
Call forward busy	Privacy
Call forward no answer	Prompt bypass
Call forward out-of-coverage	Set-up assistant tutorial
Call forward programmable	Shortcut keys
Call forward reminder	User password change
Call forward remote	User provisioning through TUI
Call history (missed/answered/placed logs)	User provisioning through Web
Call history display sort	Virtual calling card
Call hold	Zero out
Call hold reminder	
Call park/retrieve	Find me/follow me
Call park (button mapping)	Find me/follow me
Call park (fallback)	Find me/follow me call intercept
Call pick-up (directed)	
Call pick-up (group)	Fax mail
Call restrictions (black list)	Electronic fax sending
Call restrictions (blocking inbound)	Fax auto-delivery to email
Call restrictions (blocking outbound)	Fax auto-delivery to fax machine
Call restrictions (call screening)	Fax delivery to fax machine
Call restrictions (forward to trunk)	Fax message deposit
Call restrictions (toll screening)	Fax message retrieval
Call restrictions (transfer to trunk)	Never-busy fax
Call restrictions (white list)	Email integration
Call return	Client integration
Call transfer (attended)	Email auto delivery
Call transfer (fallback on transfer failure)	
Call transfer (unattended)	Email integration
Call transfer (restrictions)	Email synchronization
Call waiting	Fax attachment in email (.tif or .pdf formats)
Caller ID (called party)	Unified inbox for Domino on Windows
Caller ID (calling party number)	Voicemail POP3/IMAP4 client integration
Caller ID (calling party name)	
Caller ID (privacy)	IP messaging administration
Camp on busy (automatic call back)	Administration of all parameters through X-terminal interface
Class of service override	Class of service administration
Customer account and billing codes	



Technical Specifications

Delayed or no ringing	Company/division administration
Directory (local user)	Export mailbox/COS
Directory (global user)	Import mailbox/COS
Distinctive ringing, ring patterns (different call types)	IMAP SSLv3 support
Distinctive ringing, selective ringing (ident-a-call)	IP messaging Web portal
Do not disturb	Mailbox administration
DTMF dialing	Mailbox on-the-fly
Feature codes	Mailbox un-login
Feature access codes	Multiple administration
Forced account codes	Multiple language support
Forward to mail	Multiple permission levels
Hands-free support	Pager templates
Hotline (hot ring down circuits)	Send-user groups
Hunt groups	Support for multi-language voicemail
Hunt groups (call coverage)	Telephone user interface (native)
Hunt groups (calling group)	Telephone user interface (traditional)
Hunt groups (circular)	Time zones
Hunt groups (feature interactions)	Upload audio files via Web interface
Hunt groups (linear)	VPIX support
Hunt groups (login/logout)	
Hunt groups (malicious call trace)	IP messaging management
Hunt groups (message-waiting indication)	System alarms
Hunt groups (multisite)	System backup
Hunt groups (view hunt group status)	System restoration
Last number redial	System status
Malicious call trace	
Message-waiting indication (MWI), audio	Language support
Message-waiting indication (MWI), visual	Chinese (Mandarin), Dutch, English (Australian, UK and US), French (Canadian and Parisian), German, Italian, Korean, Portuguese (Brazilian), Russian and Spanish (Castilian and LAT)
Missed call indicator	
Mobility (multisite hot desking)	
Mobility (single-region hot desking)	
Music on hold	

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Ports	6 voice interface module I/O slots
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	4 RJ-11 FXO ports
	4 RJ-11 FXS ports
	1 RS-232C
Physical characteristics	Dimensions 13.82(d) x 19.02(w) x 1.75(h) in. (35.1 x 48.3 x 4.45 cm) (1U height)
	Weight 16 lb. (7.26 kg) Shipping Weight
Mounting	Mounts in EIA standard 19 inch telco rack or equipment cabinet (hardware included)
Environment	Operating temperature 32°F to 113°F (0°C to 45°C)
	Operating relative humidity 10% to 90%, noncondensing
	Nonoperating/Storage temperature 14°F to 158°F (-10°C to 70°C)



Technical Specifications

Electrical characteristics	Voltage	100-240 VAC
	Frequency	50/60 Hz
Safety	UL 60950-1; EN 60950-1	
Emissions	EN 55022 Class B; EN 55024; FCC CFR 47 Part 15 Class B; EN 300 386; EN 61000-3-2; EN 61000-3-3	
Management	IMC - Intelligent Management Center; command-line interface; Web browser; SNMP Manager; Telnet; HTTPS	
Notes	Integrated IP Messaging Voice Ports; up to 30 simultaneous auto-attendant, music-on-hold, fax or voicemail ports supported Integrated Gateways Options	
	<ul style="list-style-type: none">• Supports up to a maximum of six (6) analog modules• Supports up to a maximum of five (5) BRI modules• Supports up to a maximum of two (2) digital spans	
	Support for stand-alone VCX V7111, VCX V7122, MSR 20-xx and MSR-30 Series analog, ISDN and digital gateways	
Services	3-year, parts only, global next-day advance exchange (UW162E) 3-year, 24x7 SW phone support, software updates (UW172E)	
	Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.	
Features	System Ad hoc conferencing Centralized management Call detail records Converged application based architecture Emergency services End-to-end SIP signaling Global directory Global voice mail IP telephony IP unified messaging Linux operating system with additional security SIP back-to-back user Agent Standards-based connectivity System redundancy Web services SDK	Mute Paging (analog external paging system) Paging (group - zone) Paging (phone-to-phone), send beep with calling number Paging (SIP external paging system) Phone lock/unlock Privacy (block silent monitor/charge-in) Privacy (calling number suppression) Serial calling (transfer with callback) Silent monitor/charge-in Simultaneous ringing Speed dial (personal) Speed dial (system) Transfer to voicemail (direct) Voicemail access Warmline (warm ring down circuits)
	Resiliency Redundancy, IP telephony Redundancy, IP messaging Redundancy, IP phones and media gateways Redundancy, optional RAID Redundancy, optional power supply	IP telephony routing Calendar bands Call admission control Call blocking Daytime bands Dialing prefixes Direct Inward Dialing (DID) Direct Outward Dialing (DOD) Dialed Number Identification Service (DNIS) E.164 numbering plan
	System administration Add VCX licenses Administration access control Administration secure access	



Technical Specifications

Audit trails and logging enhancements	External directory access
Command Line Interface	Holidays
Configuration back-up and restore	NANP support
CPU, memory, I/O statistics	Network abbreviated dialing
First-time configuration	Number translations
First-time data import	Outdial patterns
Importing data	Patterns
Installed component versions	Prioritization of trunks/routes
Multiple administrators	Private line service
Multiple language support	Requestors
Online administrator help	Routes
Password support, administrator and system access	Route (plans and plan wizard)
Provisioning; bulk moves, adds, changes	Routing (alternate)
Remove previous software versions	Routing (blacklist)
Resetting a VCX server	Routing (call coverage)
Reset to defaults	Routing (first available)
Root directory access	Routing (global directory)
Searches	Routing (IP to PSTN)
Site configuration data	Routing (IP to IP)
Software upgrades and rollbacks	Routing (least cost)
Switch software versions	Routing (PSTN to IP)
System information	Routing (source based)
User data LDAP synchronization: Lotus Domino running on IBM; Lotus Domino running on Windows® Server 2003, 2008; Microsoft Active Directory on Windows Server 2003, 2008; OpenLDAP on Linux	Routing (VPN numbering plan)
VCX service licensing	Routing (white list)
View VCX licensing data	Trusted end points
Virtual numbers	Weekday bands
Quality of service	IP messaging architectural
DSCP tagging	G.711
Dynamic jitter buffer	G.729
G.711 audio codec	Global voicemail central server
G.729ab audio codec	Redundancy (intelligent mirroring)
Packet-loss rate	IP messaging
Pay-load length	Message annotation
QoS: 802.1p tagging (Prioritization)	Message append
QoS: 802.1Q tagging (VLAN)	Message auto-delivery
Video codec	Message auto playback
Video resolution	Message broadcast
Wide-band audio codec	Message delete
Security	Message delete retrieval
Network security policies	Message delivery report
Operating system security	Message delivery to nonsubscribers
Secure access	Message deposit
Security: Locking MAC addresses to switches	Message deposit treatment options
User authentication methods	Message folders
System management	Message forward
	Message notification
	Message notification options
	Message priority
	Message record options
	Message reply



Technical Specifications

- Alarm notification
- Audio performance reporting (local)
- Auto discovery and management of IP devices
- Intelligent Management Center Voice Service Manager: centralized management
- Maintenance, graceful shutdown of services
- Operating system updates
- Quality of service end of call reporting
- SNMP MIB access
- SNMP traps
- SNMPv1, v3
- System back-ups

Reporting

- Call detail records (reporting)
- Call detail records (structure)

IP telephony calling

- Anonymous all
- Anonymous next
- Anonymous call reject
- Automatic call distribution (ACD)
- ACD groups (call coverage)
- ACD groups (calling groups)
- ACD groups (CDR reporting)
- ACD groups (circular)
- ACD groups (feature interactions)
- ACD groups (least-call count)
- ACD groups (linear)
- ACD groups (login/logout)
- ACD groups (malicious call trace)
- ACD groups (message-waiting indication)
- ACD groups (most idle agent)
- ACD groups (multisite)
- ACD groups (real-time statistics)
- ACD groups (view ACD group status)
- Automatic line selection (multiple system appearance)
- Bridged line appearance
- Bridge line appearance (MWI)
- Bridge line appearance (shared hold)
- Busy lamp field
- Call conference (drop)
- Call conference (six-way calling)
- Call conference (three-way calling)
- Call coverage
- Call drop
- Call duration display
- Call forward all (universal)
- Call forward busy
- Call forward no answer
- Call forward out-of-coverage

- Message retrieval
- Message review
- Message review options
- Message review playback controls
- Message save
- Message schedule delivery
- Message send
- Message send treatment options
- Mailbox login
- Mailbox login

Greeting

- Default system greeting
- Personal busy greeting
- Personal extended absence greeting
- Personal normal greeting
- Personal scheduled greetings

Distribution list

- Administrator distribution lists
- Personal distribution lists
- System distribution lists

Directory

- Directory search
- Directory search (dial-by-name)

User productivity

- Auto attendants
- Bulletin board
- Call back
- Call monitor
- Family mailbox
- Force password change
- Listen and manage voicemail messages from Web user interface
- Mailbox alias
- Mailbox auto login
- Mailbox full alert
- Mailboxes for announcements
- Mailboxes for forms (Q&A)
- Mailboxes for information
- Mailboxes for surveys
- Mailboxes for system bulletins/broadcasts
- Message-waiting indication
- Music-on-hold
- Outline help
- Personal address book
- Personal auto-attendant
- Privacy
- Prompt bypass
- Set-up assistant tutorial



Technical Specifications

- Call forward programmable
- Call forward reminder
- Call forward remote
- Call history (missed/answered/placed logs)
- Call history display sort
- Call hold
- Call hold reminder
- Call park/retrieve
- Call park (button mapping)
- Call park (fallback)
- Call pick-up (directed)
- Call pick-up (group)
- Call restrictions (black list)
- Call restrictions (blocking inbound)
- Call restrictions (blocking outbound)
- Call restrictions (call screening)
- Call restrictions (forward to trunk)
- Call restrictions (toll screening)
- Call restrictions (transfer to trunk)
- Call restrictions (white list)
- Call return
- Call transfer (attended)
- Call transfer (fallback on transfer failure)
- Call transfer (unattended)
- Call transfer (restrictions)
- Call waiting
- Caller ID (called party)
- Caller ID (calling party number)
- Caller ID (calling party name)
- Caller ID (privacy)
- Camp on busy (automatic call back)
- Class of service override
- Customer account and billing codes
- Delayed or no ringing
- Directory (local user)
- Directory (global user)
- Distinctive ringing, ring patterns (different call types)
- Distinctive ringing, selective ringing (ident-a-call)
- Do not disturb
- DTMF dialing
- Feature codes
- Feature access codes
- Forced account codes
- Forward to mail
- Hands-free support
- Hotline (hot ring down circuits)
- Hunt groups
- Hunt groups (call coverage)
- Hunt groups (calling group)
- Hunt groups (circular)
- Hunt groups (feature interactions)
- Hunt groups (linear)

- Shortcut keys
- User password change
- User provisioning through TUI
- User provisioning through Web
- Virtual calling card
- Zero out

Find me/follow me

- Find me/follow me
- Find me/follow me call intercept

Fax mail

- Electronic fax sending
- Fax auto-delivery to email
- Fax auto-delivery to fax machine
- Fax delivery to fax machine
- Fax message deposit
- Fax message retrieval
- Never-busy fax
- Email integration
- Client integration
- Email auto delivery

Email integration

- Email synchronization
- Fax attachment in email (.tif or .pdf formats)
- Unified inbox for Domino on Windows
- Voicemail POP3/IMAP4 client integration

IP messaging administration

- Administration of all parameters through X-terminal interface
- Class of service administration
- Company/division administration
- Export mailbox/COS
- Import mailbox/COS
- IMAP SSLv3 support
- IP messaging Web portal
- Mailbox administration
- Mailbox on-the-fly
- Mailbox un-login
- Multiple administration
- Multiple language support
- Multiple permission levels
- Pager templates
- Send-user groups
- Support for multi-language voicemail
- Telephone user interface (native)
- Telephone user interface (traditional)
- Time zones
- Upload audio files via Web interface
- VPIM support



Technical Specifications

- Hunt groups (login/logout)
- Hunt groups (malicious call trace)
- Hunt groups (message-waiting indication)
- Hunt groups (multisite)
- Hunt groups (view hunt group status)
- Last number redial
- Malicious call trace
- Message-waiting indication (MWI), audio
- Message-waiting indication (MWI), visual
- Missed call indicator
- Mobility (multisite hot desking)
- Mobility (single-region hot desking)
- Music on hold

IP messaging management

- System alarms
- System backup
- System restoration
- System status

Language support

Chinese (Mandarin), Dutch, English (Australian, UK and US), French (Canadian and Parisian), German, Italian, Korean, Portuguese (Brazilian), Russian and Spanish (Castilian and LAT)



Accessories

HP VCX Connect 100 Unified Communications Series accessories	Modules	
	HP VCX V6100 Connect 100 4-port FXO Module	JE359A
	HP VCX V6100 Connect 100 4-port FXS Module	JE360A
	HP VCX V6100 Connect 100 4-port BRI Module	JE361A
	HP VCX V6100 Connect 100 1-span E1/T1 Module	JE382A
	HP VCX V6100 Connect 100 2-span E1/T1 Module	JE383A
	HP VCX V6000 V6100 Connect 100 (80GB) HDD RAID Module	JE273A
	Power Supply	
	HP VCX V6000 V6100 Connect 100 Power Supply Module	JE272A
	License	
	HP VCX Desktop Communicator Standalone Soft Phone License	JE435A
	HP VCX Desktop Communicator Outlook Edition Standalone Soft Phone License	JE436A
	HP VCX Desktop Communicator to Outlook Edition Upgrade Soft Phone License	JE437A
	HP VCX Business IP Phone License E-LTU	JE427BAE
	HP VCX Basic IP Phone License E-LTU	JE426BAE
	HP VCX Third Party IP Phone License E-LTU	JE444BAE
	HP VCX Business IP Phone License 50 Bundle E-LTU	JE332BAE
	HP VCX Basic IP Phone License 50 Bundle E-LTU	JE329BAE
	HP VCX Business IP Phone License 250 Bundle E-LTU	JE331BAE
	HP VCX Basic IP Phone License 250 Bundle E-LTU	JE328BAE
	HP VCX Entry/Analog Phone License E-LTU	JE425BAE
	HP VCX IP Messaging Seat License E-LTU	JE301BAE
	HP VCX IP Messaging Seat License 50 Bundle E-LTU	JC515BAE
HP VCX IP Messaging Seat License 250 Bundle E-LTU	JC514BAE	
HP VCX Desktop Communicator Standalone Soft Phone License E-LTU	JE435BAE	
HP VCX Desktop Communicator Outlook Edition Standalone Soft Phone License E-LTU	JE436BAE	
HP VCX Desktop Communicator to Outlook Edition Upgrade Soft Phone License E-LTU	JE437BAE	
HP VCX Desktop Communicator Soft Phone License 50 Bundle E-LTU	JE334BAE	
HP VCX Desktop Communicator Outlook Edition Soft Phone License 50 Bundle E-LTU	JE336BAE	
HP VCX Desktop Communicator Soft Phone License 250 Bundle E-LTU	JE333BAE	
HP VCX Desktop Communicator Outlook Edition Soft Phone License 250 Bundle E-LTU	JE335BAE	
HP VCX Convergence Center Client Standalone License E-LTU	JE434BAE	
HP VCX ACD Agent License E-LTU	JE422BAE	
HP VCX ACD 10 Agent License E-LTU	JE423BAE	
HP VCX ACD 5 Agent License E-LTU	JE424BAE	



Accessory Product Details

NOTE: Details are not available for all accessories. The following specifications were available at the time of publication.

HP VCX V6100 Connect 100 4-port FXO Module (JE359A)	Ports Services	4 RJ-11 FXO ports Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.
HP VCX V6100 Connect 100 4-port FXS Module (JE360A)	Ports Services	4 RJ-11 FXS ports Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.
HP VCX V6100 Connect 100 4-port BRI Module (JE361A)	Ports Services	4 RJ-45 ISDN voice ports Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.
HP VCX V6100 Connect 100 1-span E1/T1 Module (JE382A)	Ports Services	1 T1/E1 port Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.
HP VCX V6100 Connect 100 2-span E1/T1 Module (JE383A)	Ports Services	2 T1/E1 ports Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

To learn more, visit: www.hp.com/networking

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