Vertical Summit

The versatile Vertical Summit™ platform includes advanced VoIP technology that supports low cost SIP trunking, on/off-premise mobility, remote connectivity and multi-site networking to give your small business cost-effective options that add up to real-time communications and bottom-line benefits. Its optimized IP/TDM hybrid architecture gives you the ability to easily migrate from analog to IP with a comprehensive feature set, advanced mobile device integration and optional UC capabilities suitable for both single-site and multi-location businesses.

Easy expandability

All Vertical Summit systems include two IP ports, two standard Summit Unified Communications Solution (UCS) Desktop Client with Voice softphone licenses, and two Summit UCS Mobile Client licenses. The Summit is built on a multi-cabinet architecture that allows four types of basic system units and one expansion unit to configure a dynamic system that delivers cost-effective communications and affordable expandability to small and midsize businesses.

The Summit is also compatible with Vertical's SBX IP and MBX IP platforms, so you can quickly network over 250 sites together while creating a simple migration path to the full-feature and cost-saving benefits of the Summit's built-in VoIP technology.

Simple installation and maintenance

The Summit features advanced HTML5-based Web administration for intuitive system configuration and maintenance. The Install Wizard guides users through the basic installation in a series of simple steps in English or other local languages.

Key Features

- Summit UCS Desktop Client with Voice (Softphone)
- Summit UCS Mobile Client
- Presence
- Voice Conferencing
- Call Recording
- Voice Mail w/Email Notification
- Automatic Call Distribution (ACD)
- Auto Attendant
- Mobile & SIP Extensions
- Green Power Save

Rich features and applications

Along with all the basic features and functions of a sophisticated phone system, such as one-touch Call Transfer, Caller ID, MOH, etc., the Summit delivers more advanced capabilities including an integrated multi-level Auto Attendant, and voice mail with both mobile and e-mail notification.

Leverage the full capabilities of the Summit with additional licensed applications for even more powerful features and functionality including videoconferencing, the ability to place calls directly from Web pages, and advanced call recording capabilities including automatic and/or on-demand recording of calls from any phone connected to your system.

Supported Applications

- IP Attendant*
- Summit UCS Mobile Client*
- Summit UCS Desktop Client w/Voice*
- ClickCall*
- Call Recording*
- TAPI (3rd -party)
- SIPE (3rd -party)

*License required

System Capacity

Item	Capacity
CO/Trunk lines	Max. 60
Stations	Max. 140
Attendants	4
Modem Channel	1 (MODU)
Power Fail Circuit	Max. 6 (1 per KSU, Exp KSU, 4COx8Hybrid Card, 4COx16SLT Card)
AA/VM 1 hour AA/VM 4 hour AA/VM Expansion w/VVMU	4 channels, 1 hour 4 channels, 16 hours 4 channels and 15 hours (by license), 1 hour (by default)
DECT Phones	48
Built-in VoIP channels	8 (2 channels by default, 6 channels by license)
VVMU VoIP channels	8 (by license)
IP Stations and SIP Trunks	32 Stations / 16 SIP Trunks
SMDR buffer	5,000
System Speed Dial / Zones (Groups)	3,000 numbers, 23 digits each / 10 zones
Conference Groups - System	40
Conference Groups - Station	20 per station

Interface & Standard

Item	Specification
LAN Interface	10/100Base-T Ethernet (IEEE 802.3) 1port, Half or Full Duplex (Auto-Negotiation)
Serial Port (RS-232C)	1
USB (2.0) Host port	1
VoIP Protocol	SIP and H.323 Revision 2
Voice Compression	G.711/G.726/G.729/G.723.1
Voice/Fax Switching	T.38
Echo cancellation	G.165

Dimension & Weight

W x H x D (mm)	Cabinet	307 x 294 x 126.6
	Expansion Cabinet	307 x 294 x 126.6
Weight (Kg)	Cabinet	2.0
	Expansion Cabinet	1.99

Environmental

Temperature	32°-104° F (0°- 40° C)
Humidity	0 - 80% (non-condensing)

With built-in VoIP technologies and advanced pure IP software, the Vertical Summit is a flexible, cost-effective solution ideally suited for the mobile workplace.

Power Requirement

Item	Capacity	Specification
PSU	AC Voltage Input	100~240 +/- 10% Volt AC @ 47-63 Hz
	AC Power Consumption	90 Watts
	AC Input Fuse	2A @ 250 Volt AC
	DC Output Voltage	+5, -5, +27, +30 Volt DC
External Backup Battery	Input Voltage	+24 Volt DC (+12 VDC x 2 each cabinet)
	Battery Fuse	5.0A @ 250 Volts AC, 5AG
	Charging Current	Max. 200 mA
	Battery Load Current	Max. 3A (cabinet only), Max. 6A (cabinet & expansion cabinet)

Supported Phones

IP Phones	Part Number/Description
Edge 9000 Series IP Phones	VIP-9030-00 24-Bdn IP Phone/HD Full Duplex VIP-9020-00 10-Button IP Phone/HD Full Duplex VIP-9010-00 5-Button IP Phone/HD Full Duplex
Edge 8000 Series IP Phone	8012-00 12-Button IP Phone 8024-00 24-Button IP Phone

Supported Phones *Continued*

IP Phones (cont.)	Part Number/Description
Edge 5000I SIP Phones*	VW-E5000I-4 4-Button SIP Phone VW-E5000I-8 8-Button SIP Phone VW-E5000I-24G 24-Button SIP Phone
Summit UCS Mobile Client	VS-5092-10 (for Android v2.3 & higher and iOS v5.1 & higher)
Summit UCS Desktop Client	VS-5092-07 UCS Standard Desktop w/Voice VS-5092-09 UCS Premium Desktop w/Voice
Android Communicator**	VS-5090-01
iOS Communicator**	VS-5090-02
PC Softphone Phontage Basic w/Voice**	VS-5090-06
PC Softphone Phontage Deluxe**	VS-5090-07

Digital Phones	Part Number/Description
Edge 9000 Series Digital Phones	VU-9008-00 8-Button Digital Phone/HD Full-Duplex VU-9030-00 30-Button Digital Phone/HD Full-Duplex Backlit
Edge 4000 Series Digital Phones	4008-00 8-Button Digital Phone 4024-00 24-Button Digital Phone
Edge 700 Series Digital Phones	VW-E700-8B 8 Button Digital Phone VW-E700-24B 24 Button Digital Phone

Wireless Phones	Part Number/Description
Summit Wireless DECT System	VS-5032-98 Summit DECT Base Station VS-9007-00 Summit DECT Handset VS-5032-99 Wireless Interface Board
Nomad IP WiFi Phone	4507-70
DECT Cordless Phone	V10000

Analog Phones	Part Number/Description
Vodavi Starplus Analog Phones	2801 Basic Single Line Phone 2802 Basic Single Line Phone w/Speakerphone 2803 Two-line Hospitality Phone

Additional Endpoints	Part Number/Description
Door Box	3560-08 Door Phone Box w/Call Button

Note not all phone models will support all Summit features. Vertical supports SIP standards of operation. Vertical does not guarantee the operation of all 3rd-party phones.

*Requires additional license
**Available on Summit v1.0 only

For more information on solutions from
Vertical Communications®, call 1-877-VERTICAL,
or visit **www.vertical.com.**

Corporate Headquarters

3900 Freedom Circle
Suite 110
Santa Clara, CA 95054
Phone: (408) 404-1600
FAX: (408) 969-9601

Sales and Technical Support

4717 East Hilton Avenue
Suite 400
Phoenix, AZ 85034
Phone: (480) 374-8900
FAX: (480) 374-8852

Europe

Vertical Communications GmbH
Domagkstrasse 7
85551 Kirchheim
Germany
Phone: +49 89 90779460
FAX: +49 89 90779488

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