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 Summit systems include two (2) IP ports, two (2) Summit Communicator licenses and two (2) Phontage Deluxe softphone licenses. The Summit is built on a multi-cabinet architecture that allows four types of basic key system units (KSU) and one expansion KSU 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 up to 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 Vertical Summit adopts advanced HTML5-based Web administration for simple, intuitive system configuration and maintenance. The Web Manager Install Wizard guides users through the basic installation in a series of simple steps in English or other local languages.

Rich features and applications

The Vertical Summit includes all the basic features and functions of a sophisticated communications platform such as Transfer, Caller ID, MOH, etc., and delivers advanced functions including an integrated multi-level Auto Attendant and Voice Mail with both mobile and e-mail notification.

Key Features
- Integrated Auto Attendant/Voice Mail
- Centralized Voice Mail
- E-mail notification
- IP Attendant
- Automatic Call Distribution (ACD)
- Personal groups
- Mobile extension
- SIP extension
- SMDR (Station Message Detail Recording)
- System scenario call routing
- Multiple language support
- Green power save

Supported Applications
- IP Attendant for Office
- Summit Communicator
- TAPI (3rd -party)
- SIPE (3rd -party)

Summit Systems & Packages

Part Number	Description
VS-5000-38B	*4x8 9008 Pkg:* 4COx8Dx4S, 4port 16hr VM & (3) 9008-00 8-Button Digital Phones
VS-5000-330B	*4x8 9030 Pkg:* 4COx8Dx4S, 4port 16hr VM & (3) 9030-00 30-Button Digital Phones
VS-5000-3E8B	*4x8 E700 8Btn Pkg:* 4COx8Dx4S, 4port 16hr VM, (3) Edge 700 8-Button Digital Phones
VS-5000-3E24B	*4x8 E700 24Btn Pkg:* 4COx8Dx4S, 4port 16hr VM, (3) Edge 700 24-Button Digital Phones
VS-5000-00	*4x8 System:* 4COx8Dx4S System 4port 16hr VM
VS-5001-00	*0x8 System:* 0COx8Dx4S System, 4port 16hr VM
VS-5000-816	*8x16 System:* 4COx8Dx4S, 4port 16hr VM with 4x8 Expansion
VS-5001-PRI	*T1/PRI System:* 0COx8Dx4S, 4port 16hr VM with PRI Interface Board

Power & Board Components

Item	Board	Description
PSU		Power Supply Unit, pre-installed in each cabinet
Interface Boards	VS-5032-48	4 CO Line and 8 Hybrid Interface Board
	VS-5033-416	4 CO Line and 16 SLT Interface Board
	VS-5035-00	1 PRI/E1R2 or T1 (30 or 24 channels) Interface Unit
	VS-5032-99	4 Wireless Terminal Interface Board (24 channels)
	VS-5088-00	8 VoIP, 4 VM Channel, 1 hour default plus 15 hours VM storage (licenses required for VoIP, VM channel and VM storage)
Function Boards	VS-5030-00	Modem Unit
	VS-5000-RM	19" Rack Mounting Bracket (Optional)

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.

Edge 9000 30-Button Digital Phone

System Capacity

Item	Capacity
CO/Trunk lines	Max. 74
Stations	Max. 140
Attendants	4
Modem Channel	1 (MODU)
Power Fail Circuit	Max. 6 (1 per KSU, EKSU, CH204, CH408, CS416)
VSF Device 1: Built-in AA/VM VSF Device 1: Built-in AA/VM w/MEMU VSF Device 2 (VVMU)	4 channels (2 ch. by default, 2 ch. by license), 1 hour 15 hours (no license needed) 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	48 port (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

Environmental

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

Dimension & Weight

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

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 KSU)
	Battery Fuse	5.0A @ 250 Volts AC, 5AG
	Charging Current	Max. 200 mA
	Battery Load Current	Max. 3A (KSU only), Max. 6A (KSU + EKSU)

Supported Endpoints

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 Telephone 4024-00 24-Button Digital Telephone
Edge 700 Series Digital Phones	VW-E700-8B 8 Button Digital Telephone VW-E700-24B 24 Button Digital Telephone

IP Phones	Part Number/Description
Edge 8000 Series IP Phone	8012-00 12-Button IP Telephone 8024-00 8000 24-Button IP Telephone
Summit Communicator Android	VS-5090-01* (Version 2.3 and higher)
Summit Communicator iOS	VS-5090-02* (Version 5.1 and higher)
PC Softphone Phontage Basic	VS-5090-06*
PC Softphone Phontage Deluxe	VS-5090-07*

Wireless Phones	Part Number/Description
Summit Wireless DECT System	VS-5032-98
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 Phone Box w/Call Button	3560-08 (SBX/MBX)

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.

License required

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

Available at

TARGET
D I S T R I B U T I N G
800-873-5528

vertical™