Vertical Wave IP 2500

Wave IP 2500 for HQ and medium offices, supporting up to 350 users.

Vertical's Wave IP Business Communications System delivers business telephony and applications that can increase employee productivity and reduce operating costs for businesses of any size – from small single-site businesses to larger multi-site enterprises. Wave IP integrates desktop and enterprise applications with voice communications in a streamlined system that is easy to deploy and manage.

The Wave IP 2500 system, for HQ and medium offices, offers a modular design, unique *Applications Inside*™ architecture, extensive family of supported endpoints and powerful management tools – delivered to our customers by our Wave IP certified Business Partner community.

Applications Inside™

Standard Applications

- VoiceMail/Auto Attendant
- ViewPoint Desktop Client
- Personalized Call Routing
- Personal Call Recording
- System Call Recording
- Call Analysis Reports
- Unified Presence

APIs

- Wave Client API
- TAPI
- VXML (Voice Server)

Management & Reporting

- Wave Global Administrator
- SNMP
- Trivium Call Analyst
- Wave Global Reporter
- Wave Global Manager

Add-on Applications †

- Wave Contact Center
- Wave Contact Center Reporter
- Wave Voice Server
- Eyebeam Softphone
- WaveNet
- Wave Call Classifier

† Add-ons require licenses

Key Features

Wave IP 2500 - Business Communication System			
Edition	Standard	Professional	Enterprise
Capacity	50 users	200 users	350 users

Expansion			
Expansion Chassis	No	Up to 4	Up to 4

Telephones			
IP (SIP) - Vertical, 3rd Party, Aastra	50	200	200
Digital - Vertical, Comdial, Vodavi	48	200	240
Analog	48	200	240
Combined	50	200	350

Trunks			
T1 w/DNI	1 module/24 channels	2 modules/48 channels	4 modules/96 channels
E1 w/DNI	1 module/30 channels	2 modules/60 channels	4 modules/120 channels
PRI w/DNI	1 module/24 channels	2 modules/48 channels	4 modules/96 channels
BRI w/DNI	3 modules/24 channels	2 modules/24 channels	4 modules/24 channels
Analog Loop Start	3 modules/26 channels	3 modules/52 channels	3 modules/68 channels
Analog DID Trunks	3 modules/24 channels	6 modules/48 channels	8 modules/64 channels

Power			
Input Voltage/ Frequency	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz
Input Current	Max 9a	Max 9a	Max 9a
Consumption/ Dissipation	Max 2100 BTU/hour	Max 2100 BTU/hour	Max 2100 BTU/hour

Environmental			
Operating Temperature	32° to 104° F (0° to 40° C)	32° to 104° F (0° to 40° C)	32° to 104° F (0° to 40° C)
Operating Humidity	80% maximum, non-condensing	80% maximum, non-condensing	80% maximum, non-condensing
Storage Temperature	-4° to 140° F (-20° to 60° C)	-4° to 140° F (-20° to 60° C)	-4° to 140° F (-20° to 60° C)

System Resources			
Edition	Standard	Professional	Enterprise
Embedded CPU	IXP 425 533MHz	IXP 425 533MHz	IXP 425 533MHz
Embedded OS	Linux 2.6	Linux 2.6	Linux 2.6
Vertical Application Module (VAM)	1.5 GHz Celeron M/ 1GB RAM/512 L2 Cache (ETX)	1.8 GHz Pentium M/1GB RAM/512 L2 Cache (ETX)	1.8 GHz Pentium M/ 1GB RAM/512 L2 Cache (ETX)
VAM OS	MSFT Windows 2003 Telephony Server Edition	MSFT Windows 2003 Telephony Server Edition	MSFT Windows 2003 Telephony Server Edition
Storage	Dual 80GB IDE Drives, Raid 1	Dual 80GB IDE Drives, Raid 1	Dual 80GB IDE Drives, Raid 1
Base Media Resource Modules*	60	60	60
Add-on Media Resource Modules(MRM A, B, C)*	MRM A 90 MRM B 200 MRM C 315	MRM B 200 MRM C 315	MRM C 315
Integrated v.34 modem	√	√	√
Fault Monitor	√	√	√
Temperature Sensors	√	√	√
CODECS	G.711, G.729	G.711, G.729	G.711, G.729

Front Panel and Mechanical			
Analog Station Trunk	4 Analog Station + 4 Loop Start Trunks (RJ21X)	4 Analog Station + 4 Loop Start Trunks (RJ21X)	4 Analog Station + 4 Loop Start Trunks (RJ21X)
USB Ports	1 Host, 1 Device	1 Host, 1 Device	1 Host, 1 Device
Ethernet LAN/WAN	2 Switched 10/100 ports	2 Switched 10/100 ports	2 Switched 10/100 ports
Audio in	1 (3.5mm)	1 (3.5mm)	1 (3.5mm)
PA out	1 (3.5mm)	1 (3.5mm)	1 (3.5mm)
Status LEDs	√	√	√
Power Button	√	√	√
19" Rack Mount	√	√	√
Wall Mount Option	√	√	√
Dimensions	17.6"w x 4.35"h x 19"d	17.6"w x 4.35"h x 19"d	17.6"w x 4.35"h x 19"d
Weight (base system)	26 lbs	26 lbs	26 lbs

* Port estimates are based on standard IVR services. Port availability may vary based on services being used.

Endpoints

Wave IP supports many combinations of wired and wireless phones, including SIP, digital and analog phones. To help leverage your investment and migration, Wave supports many Comdial and Vodavi branded digital phones.

Digital Phones

Edge 700 family

- VW-E700-8 8 button
- VW-E700-24 24 button

Edge 100 family

- VW-E100-12 12 button display
- VW-E100-24 24 button display

Comdial Family

- 8012S SCS 12 button display
- 8024S SCS 24 button display
- 8312SJ SCS 12 button display
- 8324SJ SCS 24 button display

Digital Cordless

- Vertical DECT

Vodavi Family

- 3011-71 8 button Enhanced
- 3012-71 8 button Executive
- 3015-71 30 button Executive
- 3017-71 30 button FDX Executive

3rd Party

- SpectraLink (Comdial digital integration)

IP Telephones

Vertical IP

- 8840, 8830, 9112i, 9133i, 480i, 480iCT

Aastra

- 53i, 55i, 57i, 9143i, 9480i

3rd Party SIP

- Eyebeam SoftPhone
- LinkSys WIP330, UTS Starcom 1000

Analog Telephones

- Standard Analog on all editions - message waiting for analog stations is FSK. 90V lamps are not supported at this time.

For more information or to place an order, contact Telecom Express, Inc. Call 855-TEiVoIP (855-834-8647) or visit us on the web. www.tei.io

VERTICAL