# Vertical Wave IP 2500



Wave IP 2500 for HQ and medium offices, supporting up to 500 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.

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

## Standard Applications

- VoiceMail/Auto Attendant
- ViewPoint Desktop Client
- Integrated Softphone
- Instant Messaging
- Personalized Call Routing
- Personal Call Recording
- System Call Recording
- Call Logging
- Call Analysis Reports
- Unified Messaging
- Presence
- Automatic Route Selection
- Least Cost Routing

## APIs

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

## Management & Reporting

- Wave Global Administrator
- Instant Messaging Administrator and logging control panel
- SNMP (includes custom telephony MIB)
- Trivium Call Analyst ‡
- Wave Global Reporter
- Wave Global Manager

## Add-on Applications †

- Wave Contact Center (up to 100 agents)
- Wave Contact Center Reporter
- Wave Voice Server (IVR)
- Eyebeam Softphone
- Wave Live Image
- WaveNet (site to site networking)
- Wave Call Classifier
- Wave Fax Manager

† Add-ons require licenses
‡ 3rd party application not included with Wave IP

# Key Features

| Wave IP 2500 - Business Communications System | |
|---|---|
| Capacity | 500 users (requires VAM upgrade) |
| Software Levels (Edition) | Standard (50 users)<br>Professional (200 users)<br>Enterprise (500 users) |
| Expansion Chassis † | Up to 4 |
| **Telephones** | |
| IP (SIP) - Vertical, 3rd Party, Aastra | 500 |
| Digital - Vertical, Comdial, Vodavi | 480 |
| Analog | 240 |
| Combined (all types of telephones) | 500 |

| Trunks | | |
|---|---|---|
| Trunks (150 total voice channels allowed of all types) | | Totals |
| SIP Trunks | 150 simultaneous voice channels | 150 simultaneous voice channels |
| T1 w/DNI | 6 module/24 voice channels each | 144 voice channels |
| E1 w/DNI | 5 module/30 voice channels each | 150 voice channels |
| PRI w/DNI | 6 module/23 voice channels each | 138 voice channels |
| BRI w/DNI | 4 modules/8 voice channels each | 32 voice channels |
| Analog Loop Start | 8 modules/8 voice trunks each (plus 4 built-in ports) | 68 voice trunks |
| Analog DID Trunks | 8 modules/8 voice trunks each | 64 voice trunks |

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

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

† Up to 4 expansion units (EXU) may be added. Each EXU provides 2 expansion slots either one module or card.

| System Resources | |
|---|---|
| Embedded CPU | IXP 425 533MHz |
| Embedded OS | Linux 2.6 |
| Vertical Application Module (VAM) | Core Duo T2500 2.0 GHZ, 2G RAM |
| VAM OS | MSFT Windows 2003<br>Telephony Server Edition |
| Storage | Single 40 GB Solid-State Drive (SSD) + Single 160 GB SATA Hard Drive |
| Base Media Resource Modules* | 60 |
| Add-on Media Resource Modules (MRM A, B, C)* | MRM A 90<br>MRM B 200<br>MRM C 315 |
| Integrated v.34 modem | √ |
| Fault Monitor | √ |
| Temperature Sensors | √ |
| CODECS | G.711, G.729 |
| **Front Panel and Mechanical** | |
| Analog Station Trunk | 4 Analog Station + 4 Loop Start Trunks (RJ21X) |
| USB Ports | 1 Host, 1 Device |
| Ethernet LAN/WAN | 2 Switched 10/100 ports (mirrored) |
| Audio in | 1 (3.5mm) |
| PA out | 1 (3.5mm) |
| Status LEDs | √ |
| Power Button | √ |
| 19" Rack Mount | √ |
| Wall Mount Option | √ |
| Dimensions | 17.6"w x 4.35"h x 19"d |
| Weight (base system) | 26 lbs |

Edge 700 24 Button Phone



*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 IP supports many legacy 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
- VW-E100-24 24 Button

### Digital Cordless

- Vertical DECT

### Comdial Family

- 8012S SCS 12 Button
- 8024S SCS 24 Button
- 8312SJ SCS 12 Button
- 8324SJ SCS 24 Button

### 3rd Party

- SpectraLink (Comdial digital integration)

### Vodavi Family

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

## IP Telephones | Analog Telephones

### Vertical IP

- ViewPoint SoftPhone
- 9112i, 9133i, 480i, 480iCT

### Edge 5000 family

- VW-E5000i-8 8 Button
- VW-E5000i-24 24 Button
- VW-E5000i-LLCD LLCD Executive

### Aastra

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

### 3rd Party SIP

- Eyebeam SoftPhone

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



Edge 5000 LLCD Executive Phone

For more information or to place an order, contact your Authorized Wave IP Business Partner, call Vertical at 1-877-VERTICAL (1-877-837-8422) or visit www.vertical.com

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