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Smart Office

Intelligent Gateway WIN® *e*Net660S

An Integrated Voice/Data Business System for Small Office/Home Office Applications

Intelligent Gateway – *e*Net660S

Key Features

- Support wired/wireless IP Terminals
- NAT and Routing functions
- Automatic fall-back to PSTN line calling when power fails
- Auto attendant and Voice Mail
- Direct Line Appearances
- Supplementary call features
- Office to Office
- Plug & Play WIN IP phones
  - ENIP2032
  - ENIP2061
  - ENIP2092 (Color)
- Carrier Class audio quality
- Standard SIP trunk interface
- Standard analog line interface

Specification

- SIP proxy
- LAN Interface: 1 Ethernet (10/100Base-T)
- Built-in 802.11n Wi-Fi access
- 1 USB 2.0 ports
- WAN Interface: Gigabit Ethernet port
- Up to 8 SIP Trunks
- CO Interface: 6 analog CID trunks
- Analog Device Interface: 1 standard Single Line
- Support up to 24 SIP clients

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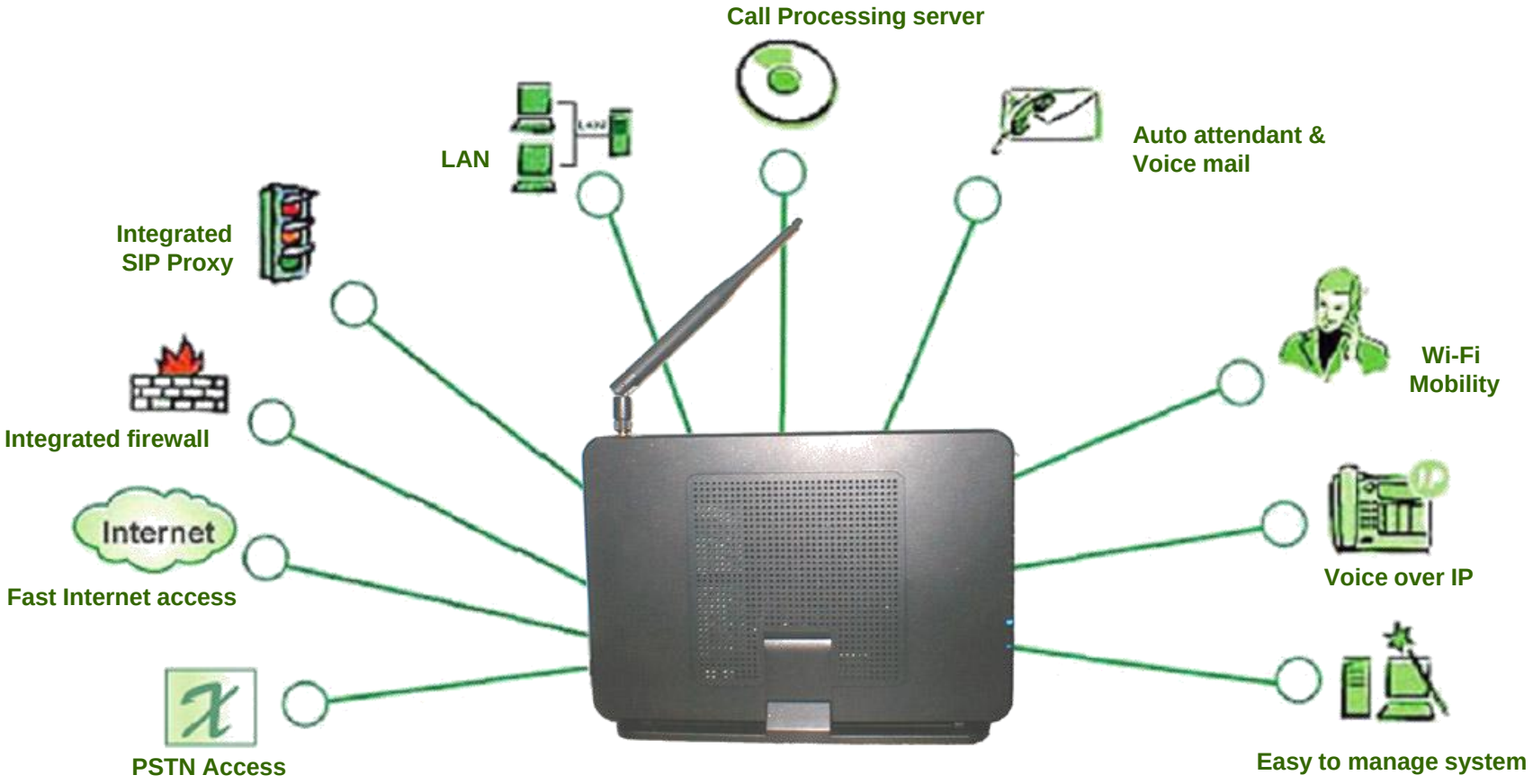
Convergent Communication Solution



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Introduction – *e*Net660S

One Central Unit to interconnect with

Outside infrastructure

1). Internet (8 SIP trunks) via RJ45, plug in a Cable/ADSL modem for Broadband Data and VoIP

2). PSTN (6 Lines) via RJ11C, plug in any existing Telephone Jack

Internal Terminals

3). Data Terminals wired / wirelessly, via Ethernet or built-in WiFi AP

4). IP-Voice Terminals wired/wirelessly, via Ethernet or built-in WiFi AP, 24 Clients

5). Analog Terminal Fax/SLT, via RJ11C

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Features Highlight – *e*Net660S

- SIP proxy
- LAN Interface: 1 Ethernet (10/100Base-T)
- 1 USB 2.0 ports
- Built-in 802.11n Wi-Fi access point
- WAN Interface: 10/100Base-T Ethernet port
- CO Interface: 6 analog CO lines (Loop Start with Caller ID detection)
- SIP Trunks: 8
- Standard Analog Device Interface: 1
- Support up to 24 wired/wireless IP Terminals and one Analog Terminal
- NAT and Routing functions
- Automatic fall-back to PSTN line calling when power fails (FXO1)
- Auto attendant and Voice Mail (8 hours, G.711)
- Direct Appearing CO lines

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Call Features Highlight

- Abandon Call Disconnect
- Answering Position
- Auto Attendant and Voice Mail
- Call Transfer/Forward/Conference
- Call Operator
- Call Routing Table
- Caller ID Detection
- Daylight Saving Time setting
- Return to Default Setting
- Direct Inward System Access (DISA) via Auto Attendant
- Emergency Call
- Feature Code Access
- Flash – Analog Port(SLT) Flash Recognition

- IP Trunk
- Message Waiting Indication (MWI)
- Voicemail E-mail notification
- Multi-Line Appearance
- Music On Hold
- Day/Night Switching
- Numbering Plan
- Loop Break/Polarity Reversal (PR) Detection
- PSTN backup
- System Date & Time setting
- Trunk Group
- Paging Group
- Class Of Service (COS)
- Office to Office connection

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VoIP Features

- SIP v2 (RFC3261), compatible with Many SIP Softswitchs such as Nortel, Vonage, Sylantro, Broadsoft, Megaswitch….
- G.711, G.729A(Optional)
- G.168 Line Echo Cancellation
- 2100 Hz Fax/Modem Tone Detection
- DTMF Detection
- Adaptive Jitter Buffer
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- DTMF Relay (RFC2833)
- Call Progress Tone Generation/Detection
- Caller ID …..

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Network Features

- TCP/IP Protocols
- DHCP Server
- Dynamic IP/Static IP/PPPoE
- Routing
- Virtual Server
- QoS (802.1p, VLAN, Priority Queue based on ToS tag)
- Security
- Configuration file backup/restore
- Web Wizard/GUI
- Remote Diagnostic
- Remote Provisioning System(PTS/PTC)
- TR069
- 802.11 a/g/n Wireless Lan Access Point

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Security Features

- Stateful Inspection Firewall
- IP/Port/interface filtering rules
- Port Triggering
- Port forwarding
- DMZ host
- MAC Layer Filtering

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Economic IP Phone -- IP2032

Key Features

- DHCP, Static IP, or PPPoE
- Caller ID, Call Hold/Forward/Transfer, DND, MWI, 3-way Con, Call Record
- Caller blocking
- Dual Lines/Calls support
- Phone Book(200)/Speed Dial
- LCD Menus & Web
- Speakerphone, Headset
- Soft keys, fixed function Keys

Specification

- 128 x 32 pixels Display
- Codec: G.711 a-law/μ-law
- 2 Port 10/100Base-T switch
- DTMF tone generation
- Out-band DTMF relay (RFC-2833) support
- PoE 802.3af support

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Deluxe IP Phone – ENIP-2061

Key Features

- DHCP, Static IP, or PPPoE
- Caller ID, Call Hold/Forward/Transfer, DND, MWI, 3-way Conf, Call Record
- Caller blocking
- Four Line/Calls support
- Phone Book(400)/Speed Dial
- LCD Menus & Web Configuration
- Speakerphone, Headset
- Soft keys, fixed function Keys SIP-B support
- EDM(BLF/DSS) support(Option)

Specifications

- SIP (RFC3261) V2
- LCD: 128 x 64 pixels (Backlight)
- Codec: G.711 a-law/μ-law
- 2 Port Switch (10/100Base-T
- DTMF tone generation & detection
- Out-band DTMF relay (RFC-2833) support
- PoE 802.3af

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Executive IP Phone – ENIP-2092

Key Features

- DHCP, Static IP, or PPPoE
- Caller ID, Call Hold/Forward/Transfer, DND, MWI, 3-way Conf, Call Record
- Caller blocking
- Six Line/Calls support
- Phone Book(400)/Speed Dial
- LCD Menus & Web Configuration
- Speakerphone, Headset
- Soft keys, fixed function Keys SIP-B support
- EDM(BLF/DSS) support(Option)

Specifications

- SIP (RFC3261) V2
- LCD: 3.5 inch TFT Color Touch Screen Display
- Codec: G.711 a-law/μ-law
- 2 Port Switch (10/100Base-T)
- DTMF tone generation & detection
- Out-band DTMF relay (RFC-2833) support
- PoE 802.3af
- Speakerphone, Headset
- Soft keys, fixed function Keys

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An All In One Solution

In comparison to current Voice/Data solutions, the eNet-660S is an all in 0ne-Box solution for SOHO Data and Voice applications

For Carrier Services

Typical Solution

660S Solution

Data --- >

VoIP --- >

Voice --- >

Wi-Fi Router Firewall

ATA/Gateway

Small PBX

Auto Attendant Voice Mail

All in One

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Questions?

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