

UNIVERGE SV9500SE Model

\Orchestrating a brighter world

NEC creates the social values of safety, security, fairness and efficiency to promote a more sustainable world where everyone has the chance to reach their full potential.

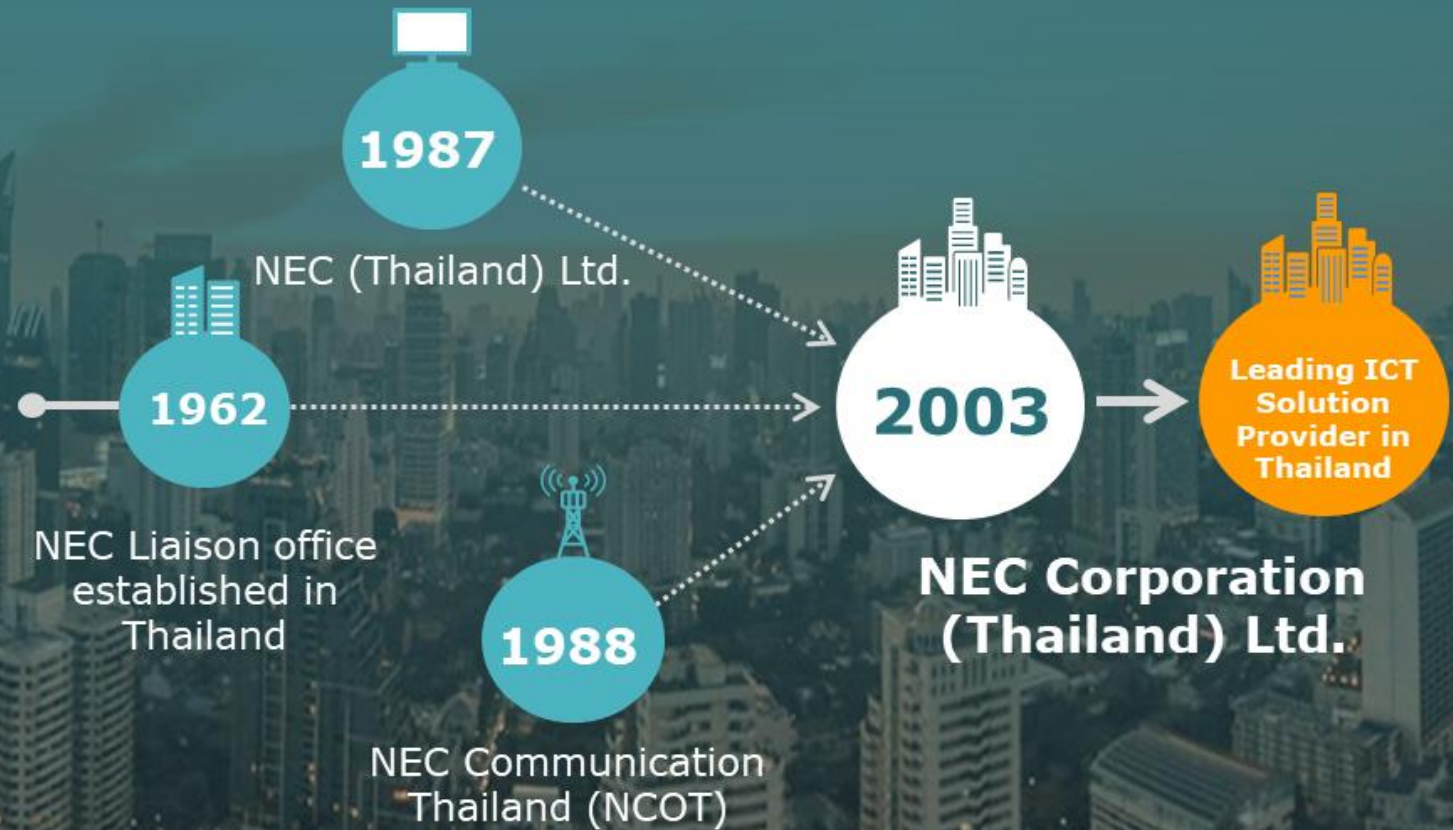
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59 YEARS OF ACHIEVEMENT

NEC has been contributing for IT and Network society in Thailand for **over 59 years.**

Through “**C&C**” concept which was introduced as the integration of Computer and Communication.



NEC CORPORATION (THAILAND) PROFILE

3 Rajanakarn Building, South Sathorn Road, Yannawa, Sathorn,
Bangkok 10120 THAILAND



Established:
2003



Employees:
260 persons
(May 2020)



Capital:
350.3 Million Baht



Mr. Ichiro Kurihara
President



Net Sales:
2,539 Million Baht
(Fiscal year ended Mar. 31,
2020)



Operations of
NEC Corporation (Thailand)
Enterprise, Telecom Carrier,
System Platform, IT Platform,
Business Network, IoT and
Solution for Manufacturing, and
Public safety

The Smart Enterprise

Orchestrating a brighter world

NEC

Introducing UNIVERGE SV9500SE

UNIVERGE®
SV9500SE

Optimize Teamwork and
Business Practices



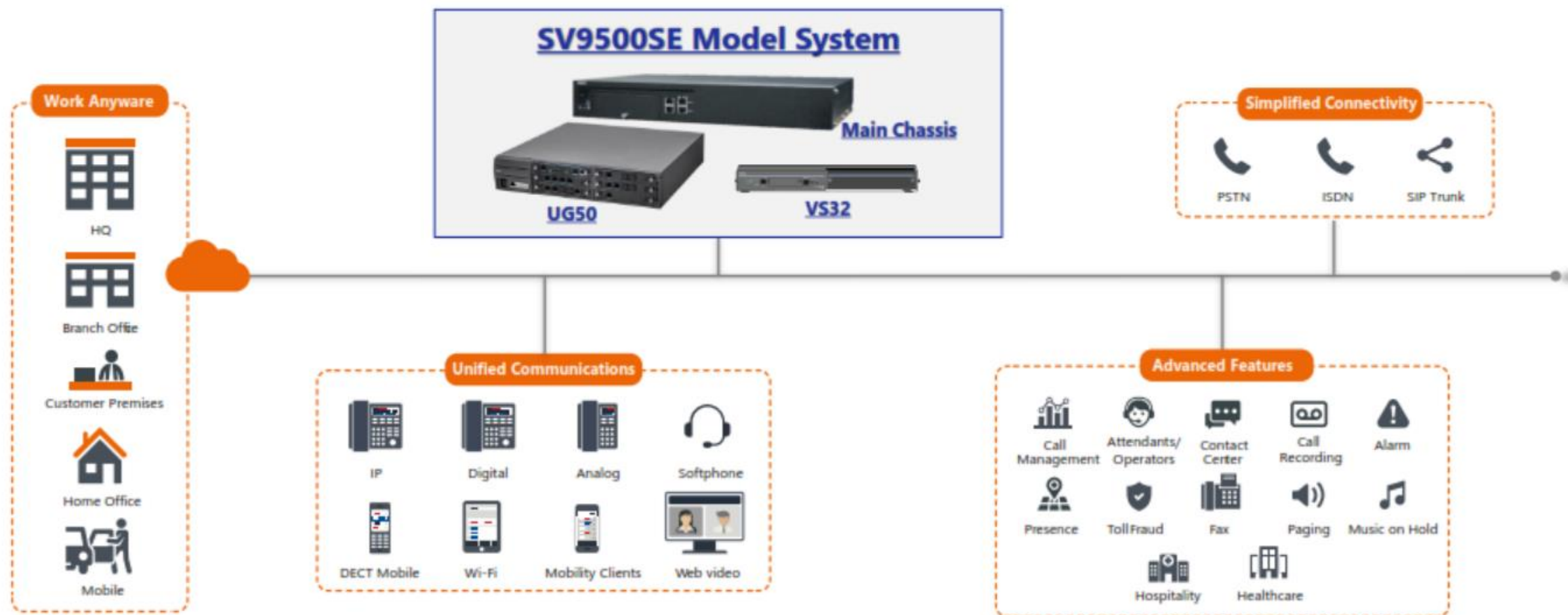
What's UNIVERGE SV9500SE Model

SV9500SE Model is designed for Small and Mid Enterprise customers with retaining field-proven SV9500 feature set. SV9500SE Model provides flexible system design and network deployment for a wide range of customer's requirements regardless of IP and TDM based communications.



UNIVERGE SV9500SE Model – System Layout

- ◆ NEC's UNIVERGE SV9500SE communications solution offers you choices to implement a solution that best fits your business and industry needs – keeping your team and customers... connected.



SV9500SE – At a Glance

- ◆ Premium IP Unified Communications
- ◆ Voice/UC/UM delivered as integral solution
- ◆ Comprehensive Customer Contact suite
- ◆ Range of Mobility Applications and Devices
- ◆ Wide range of End Points
- ◆ Seamless and flexible deployment
- ◆ Hospitality feature options
- ◆ Open standard SIP supported
- ◆ Multi-line SIP client and SIP carrier support
- ◆ Highly Reliable and Resilient
- ◆ Geographic redundancy for main CPU backup and remote
- ◆ From full TDM to pure IP
- ◆ Both SIP and ISDN technology for a future-proof solution
- ◆ More than 900 call control features



UNIVERGE SV9500SE Model Features

◆ 900+ Telephony Features

- SV9500SE Business Package
 - SV9500SE Hotel Package with extensive Hotel Features
 - Extensive Group features: e.g., Multi-Boss-Secretary, UCD, Pickup, etc.
 - Advanced Routing features: LCR, Time of day routing, MA-IDs, Auth Code dialing, Free Numbering, etc.
 - Multi-Tenant with IP-Centrex
 - Multi-Line terminal features
 - Extensive Call Forward features
 - Build in ACD features
 - SIP: 3rd-party SIP terminals, NEC-Enhanced SIP terminals, SIP-trunk
 - SIP terminal feature enhancements in SV9500SE
- NEC proprietary features e.g. Groups, Presence, etc. also available for 3rd-party SIP terminals

UNIVERGE SV9500SE Model Features

◆ Networking

- CCIS over IP , Q-SIG trunk, SIP Trunk

◆ Redundancy / Resilience / High Availability

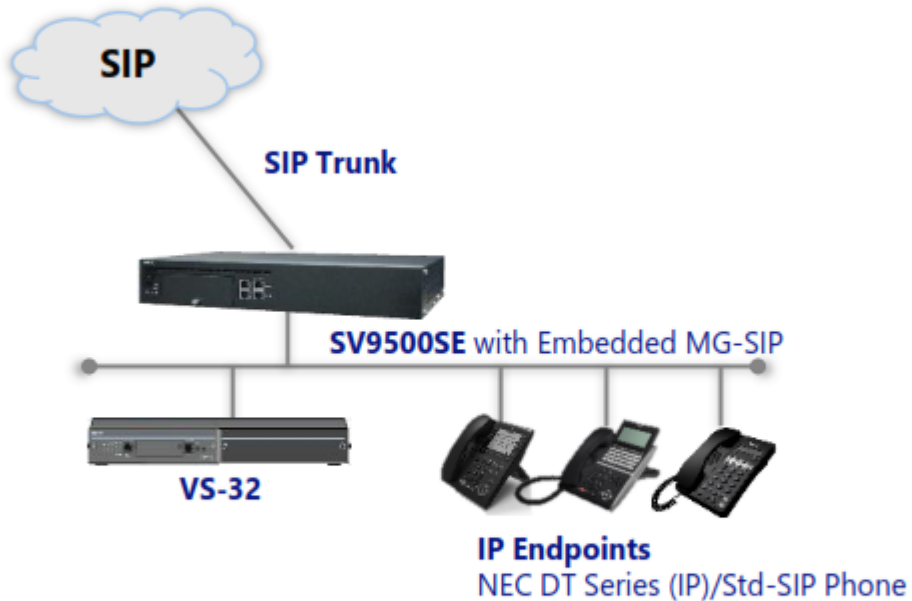
- IP-fail-over for IP-peripherals
- Geographic Redundancy
- Branch Office Survivability

◆ Security

- Media and Signaling Encryption for NEC Terminals, Media Gateways, and Media Convertors
- SIP-TLS Signaling Encryption for standard SIP terminals
- Login User/Password
- Terminal Authentication IEEE802.1x EAP-TLS with certificates
- Separated LANs for Peripherals and Management

UNIVERGE SV9500SE Model Typical System Configuration

◆ SV9500SE Model Full IP system



MG-SIP:

Media Gateway for SIP Trunk Interface.

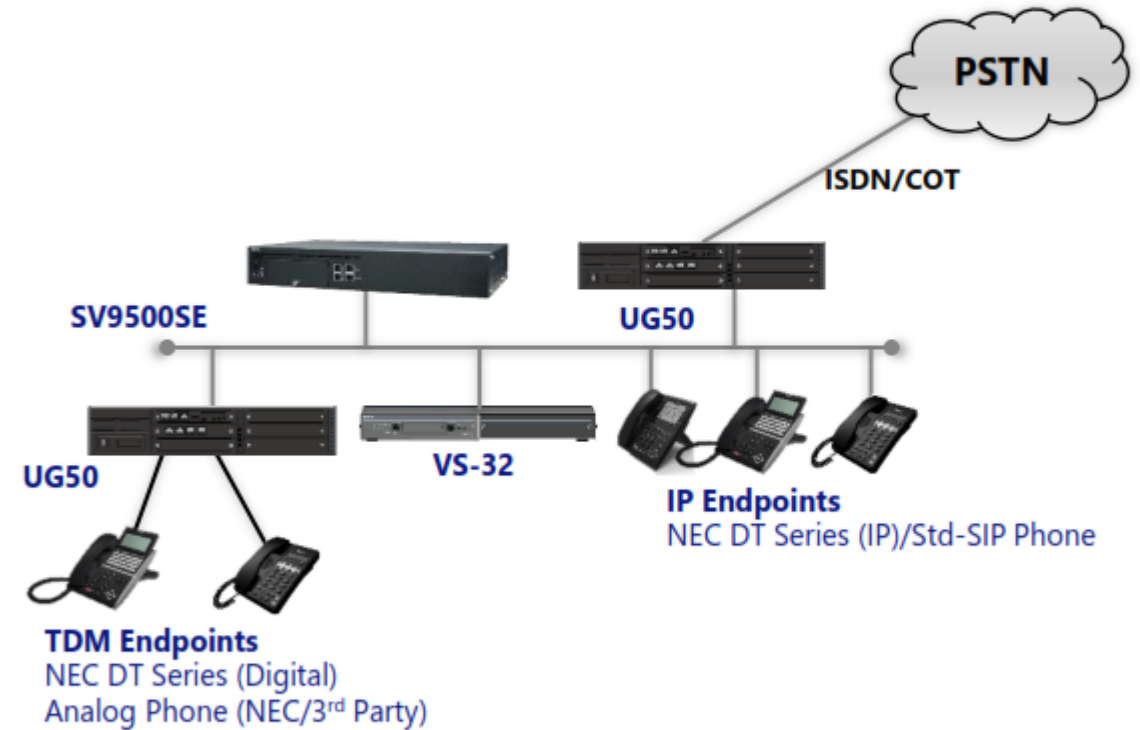
Up to 254 channels can be used in embedded MG-SIP.

If you need more than 254ch, an external MG-SIP can be added.

VS-32:

Voice Server for Conference and Announcement

◆ SV9500SE Model IP/TDM Hybrid system



UG50(Universal port multi-slot media gateway and convertor):

Media Gateway for Traditional Trunk Interface.

Media Convertor for Digital and Analog phones.

Universal Gateway - UG50

Mixed Analog and Digital Terminals along with Analog CO and PRI

Coexistence of Station and PRI trunk

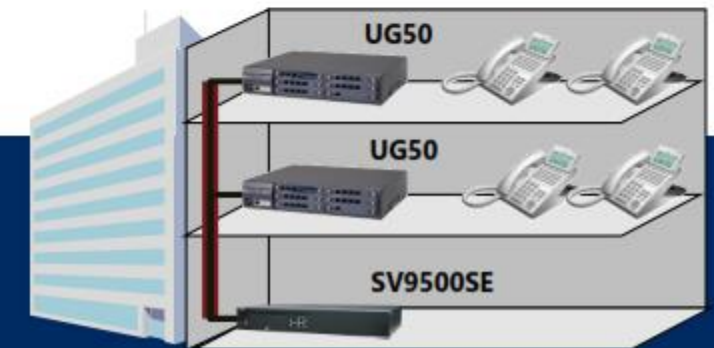


Available to mount on 19 inch RACK



Consolidation of wiring inside of a building

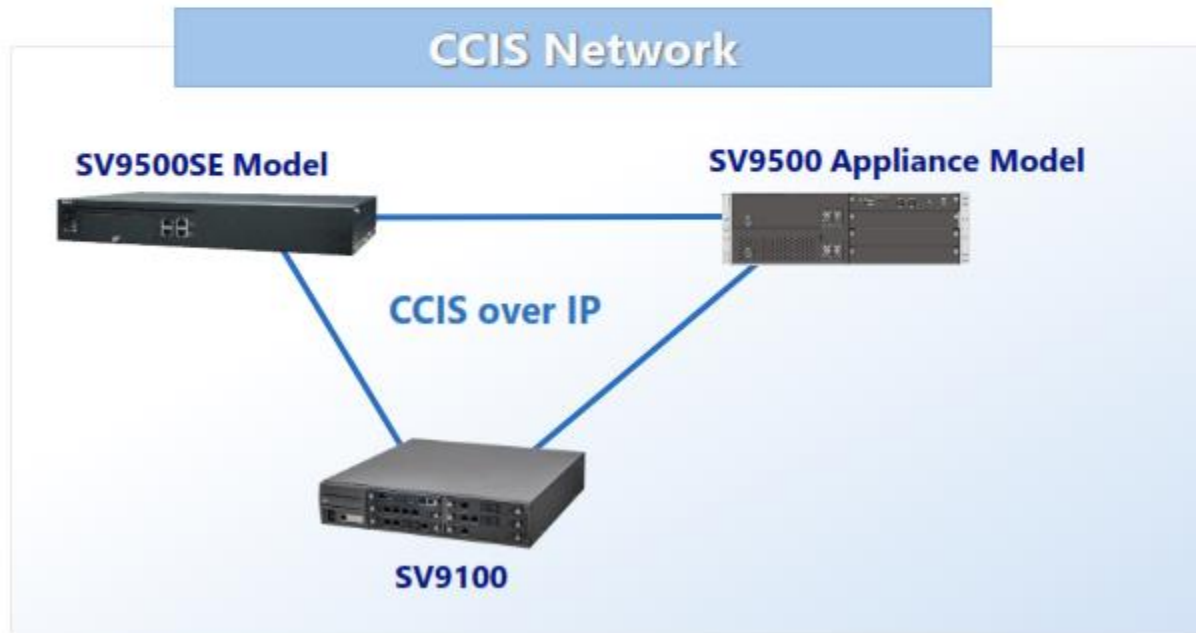
Main wiring inside of a building becomes fully IP-based network



Voice Networking Capability – CCIS over IP / SIP Trunk / Q-SIG Trunk

SV9500SE Model is capable of supporting multi-server network capabilities with NEC's SV system and/or 3rd vendor's system.

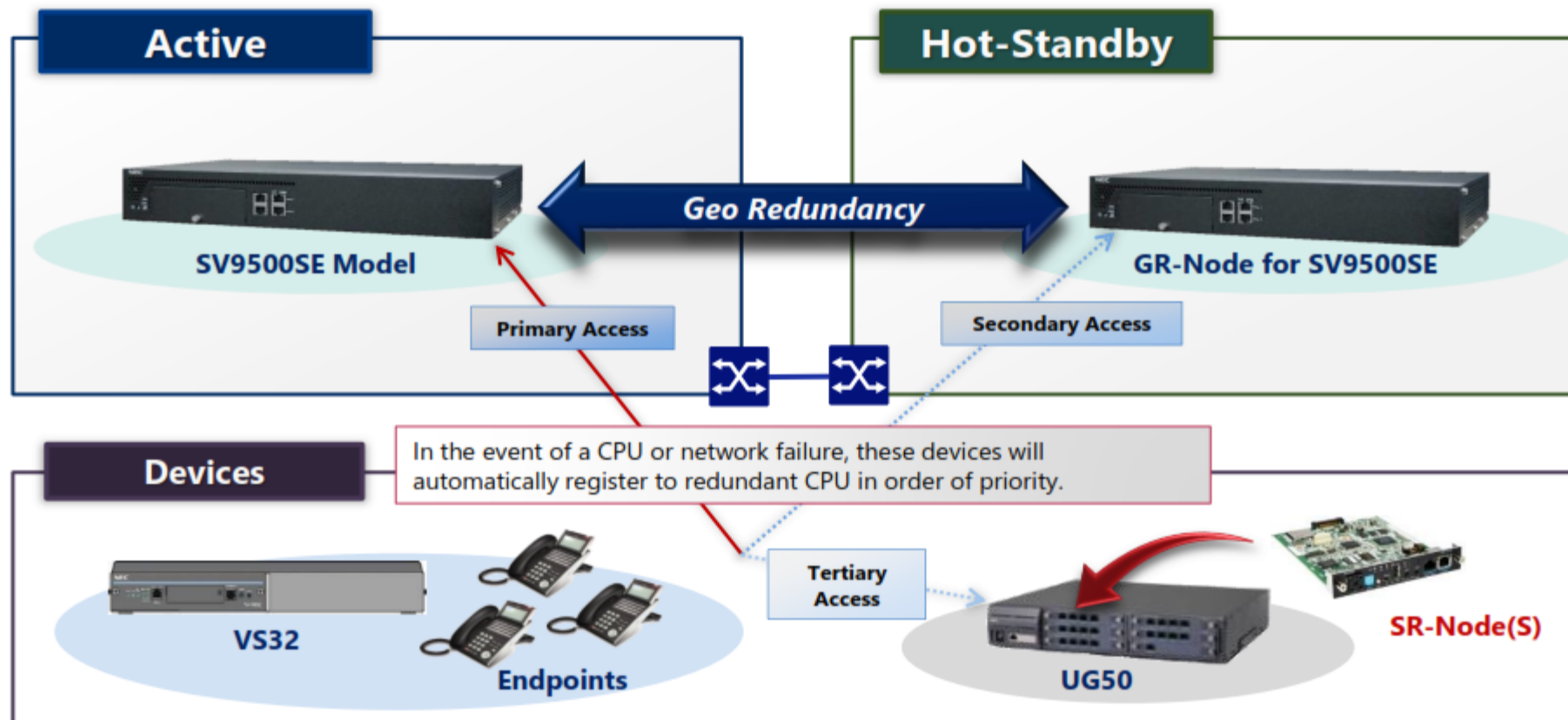
- CCIS over IP provides the connectivity with NEC's SV9500 and other SV systems, which is less-sensitive for network delay.
- SIP Trunk supports the connectivity with 3rd Vendor PBX system.



High Availability Options

◆ Geographic Redundancy and Survivable Remote Node functionality

SV9500SE Model is capable of supporting the high availability by Geographical Redundancy (GR) at Main Site and/or UG50 System Survivability at Remote site [SR-Node(S)] in response to the survivable redundant configuration requirements.



The Smart Enterprise

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Business Mobility

DECT

WiFi

Mobile Integration

Messaging & Alarming

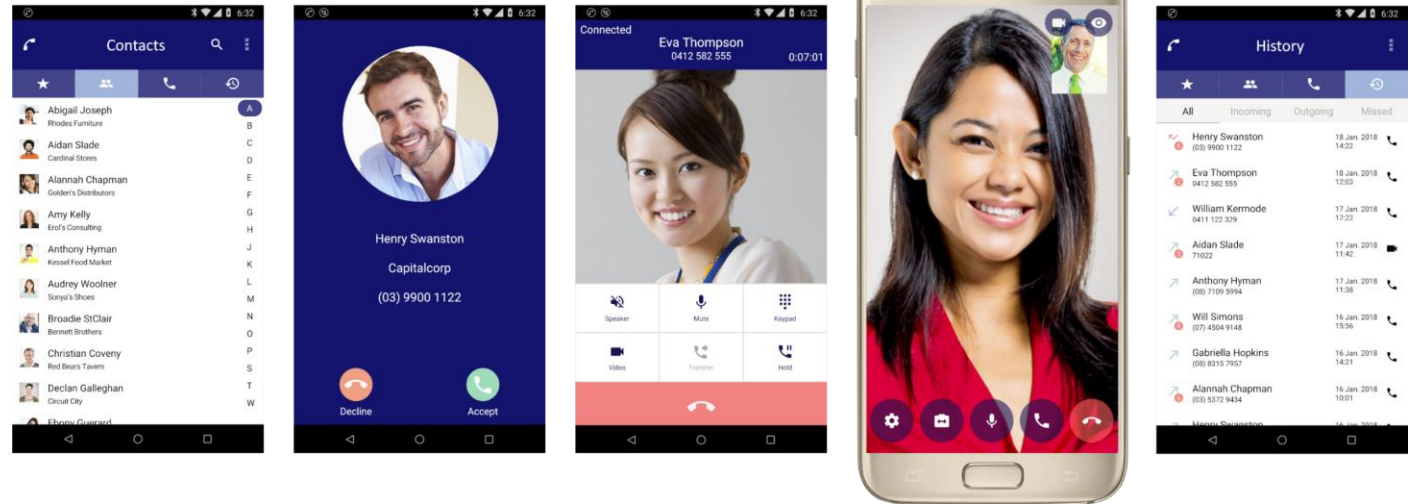


UNIVERGE ST500 Smart Phone Client

Free
application for
the SV9500SE

Softphone for Android or Apple smartphones

- Make & receive voice & video calls from almost anywhere
- Simply connect to WiFi or use your 3G/4G mobile data



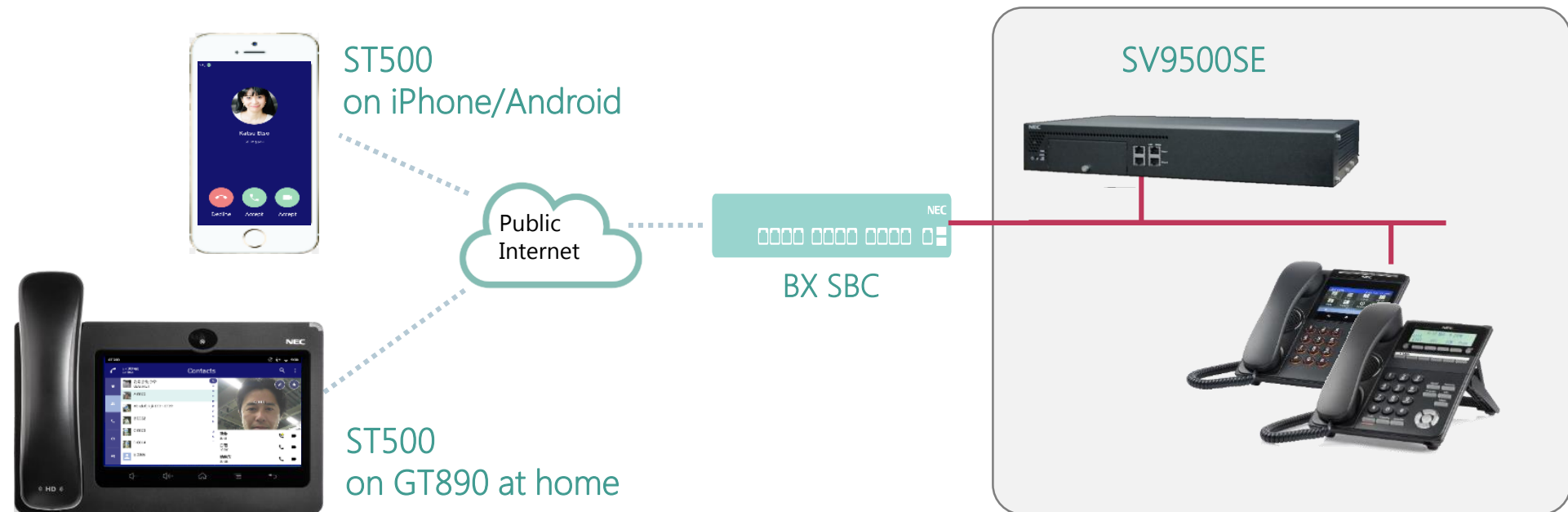
- > Seamless call transfer between mobile & desktop phones
- > Access to standard call control functions and call history
- > Crystal clear audio experience over mobile network
- > Video collaboration for more personalized meetings
- > Supports H.264 for video calls
- > Use your contact list in iPhone/iPad/Android to make calls
- > Supports Bluetooth®

*It may also require spare license capacity on your phone system to connect as a standard SIP extension

Smart Workforce – Mobile integration with ST500

SV9500SE with ST500 Anywhere Extension

- > Simple Mobile integration with ST500 Softphone on iOS or Android device – VPN less
- > Move Call enables pairing with Desktop terminal in the office
- > Include BX-series SBC for secure connection via the public internet and take care of:
 - NAT traversal and Firewall security
 - SIP-TLS/SRTP encryption
 - Opus codec for optimal voice over Mobile Data



NEC BUSINESS PHONES

MULTIFUNCTION
DESKTOP PHONES



UNIVERGE Business Phones

Built for Business Needs and Designed for Easy Deployment



Multi-colour MWI lamp

7-Colour customizable message-waiting indicator.



Directories

Quickly look up contacts using alphabetic keyboard.



HD Audio quality

Both speakerphone and handset offer super wideband technology for superior HD audio quality.



More flexibility with add-on modules

Add functions and direct-dial buttons. 8 and 60 additional line key options turn your phone into a switchboard.



High-quality handset

The slim line handset increases the conversation comfort.



Hotdesking

Allows handsets and desk space to be shared by a number of employees, helping keep costs down.



Security

Encryption technology to protect calls and accounts.



Intuitive and interactive navigation

All models offer intuitive and interactive navigation of the NEC communication features. Interactive keys or touch.



Adjustable stand

5 adjustments - Built-in wall mount



Built-in POE

To power the device and give it a network connection.

SV9000 Business Phones – IP DT920 series 6-button

COST-EFFECTIVE ENTRY-LEVEL PHONE

- 168 X 41 dot matrix grey scale backlit LCD
- XML support (R3)
- 6 line keys with bi-colour LED (Red, Green)
- 4 soft keys plus Help & Exit
- Multi-colour indication LED
- Full-duplex speaker phone
- Power over Ethernet IEEE 802.3af compliant
- 5 step adjustable base
- Direct headset connectivity
- DT920 :Dual port 10/100Base-TX network switch
- DT920G :Dual port 10/100/1000 Base-TX network switch



SV9000 Business Phones – IP DT920 series 6-button



SV9000 Business Phones

GT890 IP Video Phone

POWERFUL DESKTOP VIDEO PHONE

For businesses of all sizes looking to improve collaboration and team-building

- 7" Touch Panel Display
- Video Support
- WiFi (IEEE 802.11b/g/n)
- HDMI Output
- SD Card Slot
- USB Port
- ST500 Integration (SV), Mobile Client (3C)
- PoE or Local Power
- Multi Language Support
- NEC App Store
- HD Wide Band Handset/Speaker
- Bluetooth 4.0+EDR
- Hot Spot



SV9000 Business Phones GT890 IP Video Phone

LIVE VIDEO
INTERNET
ACCESS
Wi-Fi

HD audio

Handset and speaker support
Wideband and narrowband audio

Adjustable stand

Freely adjustable

Connectivity

Network support 10/100/1G
Ethernet (dual-band 2.4G & 5G, IEEE802.11a/b/g/n)
PoE/PoE+ or power adapter (optional)

Built-in Bluetooth

For syncing with mobile devices &
connecting Bluetooth headsets

Camera

Tiltable mega-pixel CMOS camera
with privacy shutter

Incoming call lamp
Red & green

Brilliant display
7-inch capacitive
5-finger multi-touch

Available side ports
HDMI, SD card, USB

Headset jack
EHS support

Main menu screen

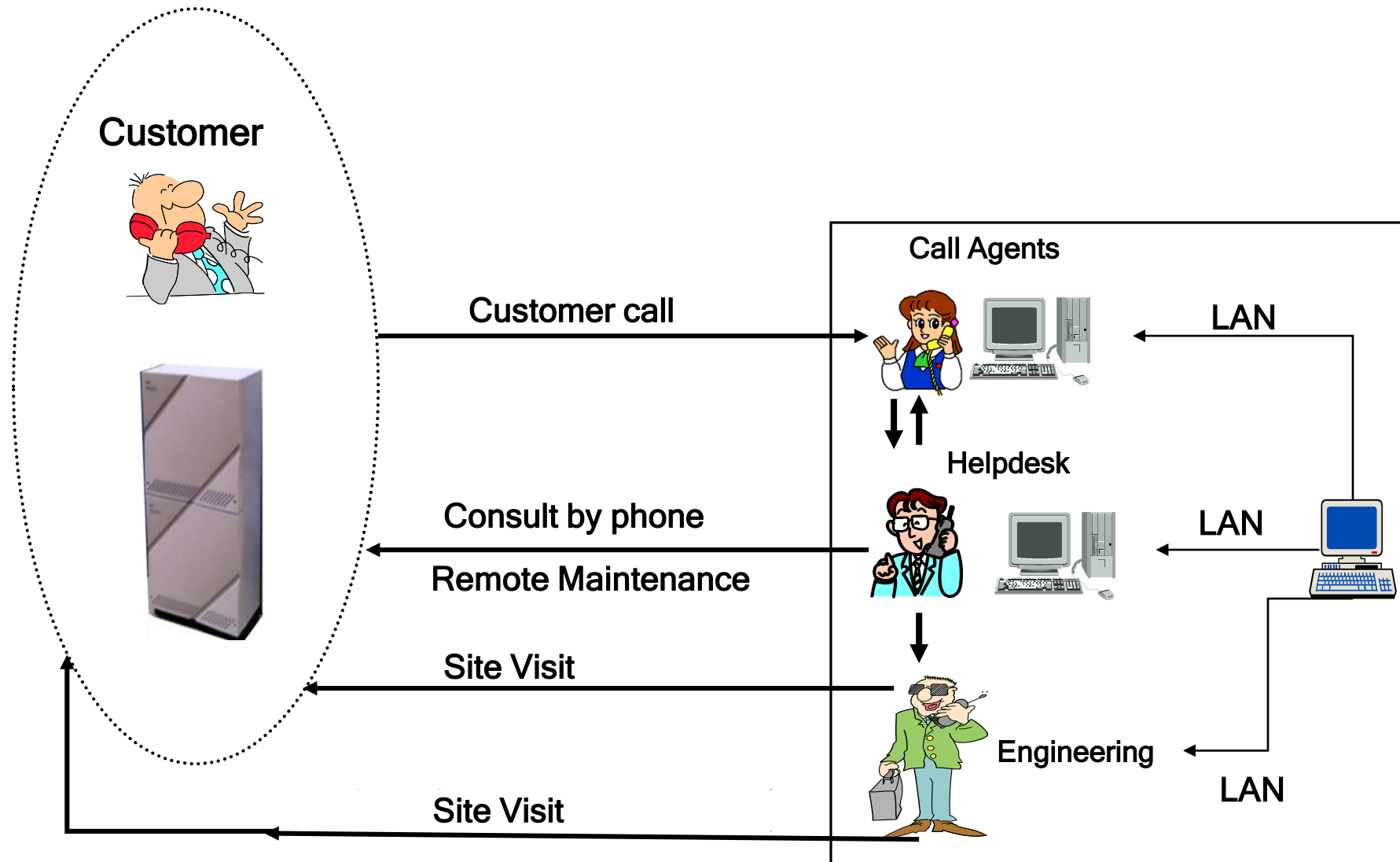
Easy access to dialler, voicemail, camera,
calculator, apps* & more

Menu bar
Easy access to volume control, home,
settings menu & back tabs



NECare Call Center

NECARE Operation



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