



# NIPX-Series IP PBX

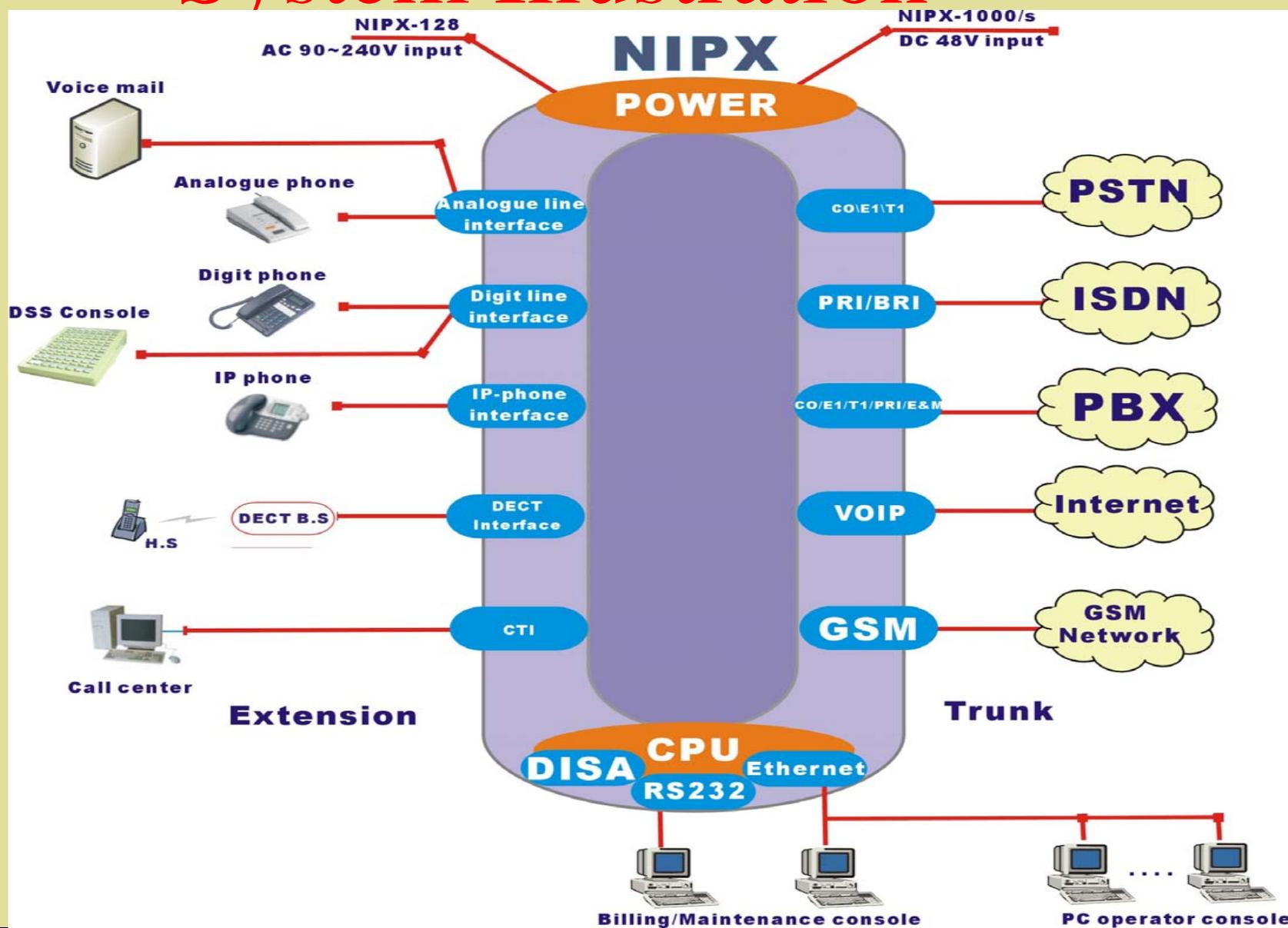
**KYLINK COMMUNICATIONS CO., LTD.**  
**TEL : 886-2-32349898    FAX : 886-2-8228-1199**



# Introduction

**NIPX-Series is a new digital wireless IP PABX which integrating DSP, DECT, GSM and Voice over IP technologies. NIPX-128 , NIPX-1000S and NIPX-1000 are 3 models that capable from 16 up to 7168 ports . The advantage emphasizes on competitive price, quality product and high stability for providing users perfect communication service. It also provides advanced CTI interface to meet different professional needs.**

# System Illustration





# Introduction of various Interface

## Trunk interface

- Center Office Trunk (COT)—16 ports/card
- E1/T1 Trunk (E1/T1)—1 E1/T1/card
- Primary Rate Interface (PRI)—1 PRI/card
- Basic Rate Interface (BRI-T)—4 ports/card
- 2W/4W E&M Trunk (E&M)—4 ports/card
- Global System Mobile (GSM)—6 ports/card
- VoIP Trunk Interface (SIP/H.323)—8 channels/card
- VoIP Trunk Interface (SIP)—32channels/card



# Introduction of various Interface

## Subscriber interface

- Analog-phone Line Card (ALC)—16 ports/card
- Key-phone Line Card (KLC)—16 ports/card
- IP-phone Line Card (SIP)—8 ports/card
- DECT Interface Card (DIC)—4 B.S/card

## Peripheral device interface

- RS-232 port—for maintenance & billing console
- Ethernet port—for maintenance & billing & PC operator console
- CTI—for call center application



## - Digital Key-telephone

- provide 1B+D signal, communicate distance exceeds 600 meters from system.
- 16 x 2 LCD screen, displaying operation status and calling in/out number etc.
- 24 programmable keys and 11 function keys for friendly operation –don't disturb, call forward....
- date and caller number of missed call can be recorded automatically and distinguished from message lamp.
- 2 wires connection from main unit.



## - Attendant Console

- Both digit phone + DSS and PC console for your alternative.
- With 6 loop control keys and Trunk Queue function. It can display trunk-waiting figure.
- With LCD display to show Calling in/out number, service class, trunk number, extension/trunk status, alarm...etc.
- Authorized login password as for operators. Anyone can be part-time operator .



## - **Maintenance Console**

- Utilize Windows graphic user operation interface.
- Both RS-232 or Ethernet to accomplish local or remote access.
- Auto diagnose and report to PC moreover to your e-mail address if Ethernet connected .
- Authorized password login and record for administrator .
- Within 4 grades of authorized password to ensure safety of operation .



## - **Billing console**

- Use Windows graphic user operation interface.
- Both RS-232 or Ethernet to accomplish local or remote access.
- Record all of the call out and call in data.
- Bill report including Caller No., Called No., Transfer Extension No., Trunk No., Starting Date/Time, Duration Time, and Cost.
- The call rate can be adjusted by different area code.
- Offer reverse polarity detection or start by time.



# Key features and advantages

## ■ Caller ID recognition

In-built caller ID detector , the caller ID can be recognized and displayed on analog , digit and IP phone without extra cost .

## ■ DISA

In NIPX series , it can be mounted on CPU card as a daughter board that provides multi-languages voice guidance which serves different voice content in 6 time period.

## ■ BRA/PRA

NIPX series provide Euro standard ISDN PRI/BRI T interface connect to ISDN network.



# Key features and advantages

## ■ DECT wireless

Comply with GAP standard.

Can be configured as wireless PBX or wireless controller system.

Features of handover and roaming.

## ■ GSM interface

Support 900/1800Hz GSM network.

Least cost routing automatically.

## ■ VOIP

Support SIP/H.323 protocol.

VOIP trunk and extension interface.

Configure with gateway application.



# Key features and advantages

## ■ Maintenance console

Both RS-232 and Ethernet for remote access .  
Windows GUI operation.  
Authorized password login and record.

## ■ Billing console

Both RS-232 and Ethernet for remote access .  
Windows GUI operation.  
All data of call out and call in can be recorded.  
The report includes Caller No., Called No. ,  
Transferred Extension No. , Trunk No. , Starting  
date/time , Duration and Cost.  
Bill rate is adjustable.



# Key features and advantages

## ■ Attendant Console

Key-phone + DSS console and PC operator console for your alternative.

Authorized key-phone can login as an attendant console , no specific operator needed.

## ■ CTI application

Providing TSAPI driver for developing application software.

Providing software for call center application.

Providing software for IVR application.



# Key features and advantages

## ■ Flexible expansion

All interface cards can be used in the series , flexible extend from 16 to 7168 ports.

## ■ Reliable quality

Duplicate Power , CPU and Switching designed for NIPX-1000 and NIPX-1000S to ensure reliability.

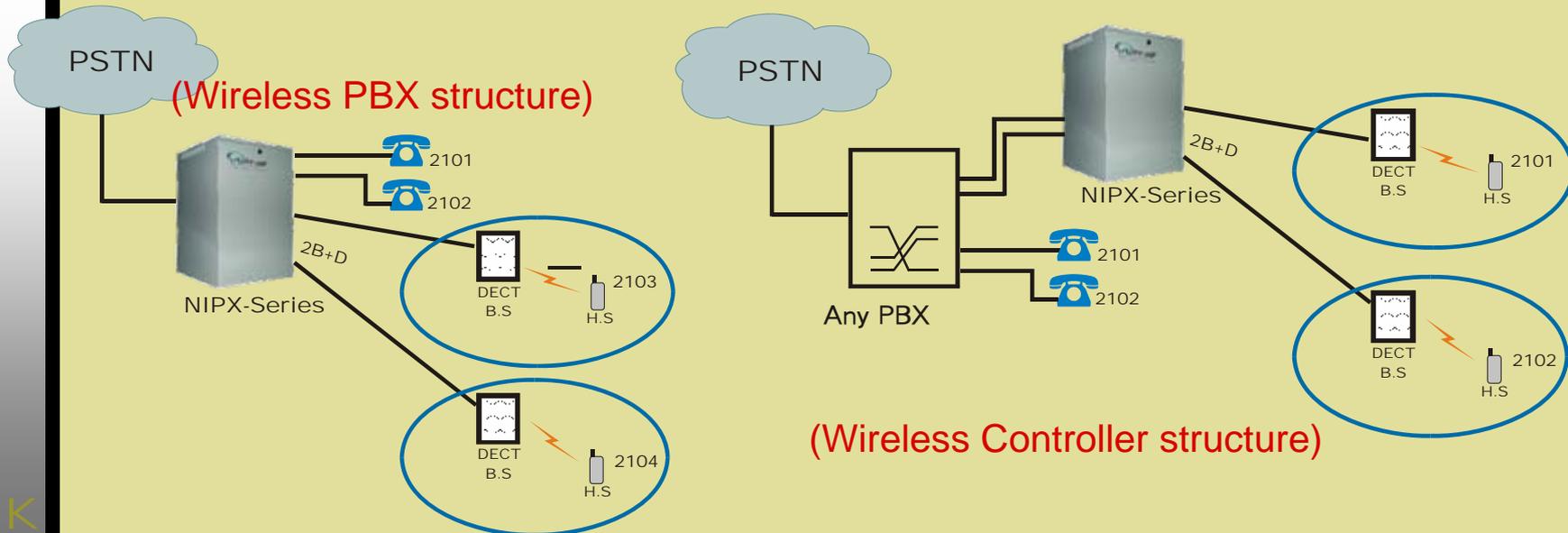
# Wireless Application

## - Wireless PBX

-The wireless solution of NIPX-Series was adopted DECT Micro-Cell structure, the maximum coverage of the system can reach 64 cells totally. And accomplish CLID, Handover and Roaming...etc.

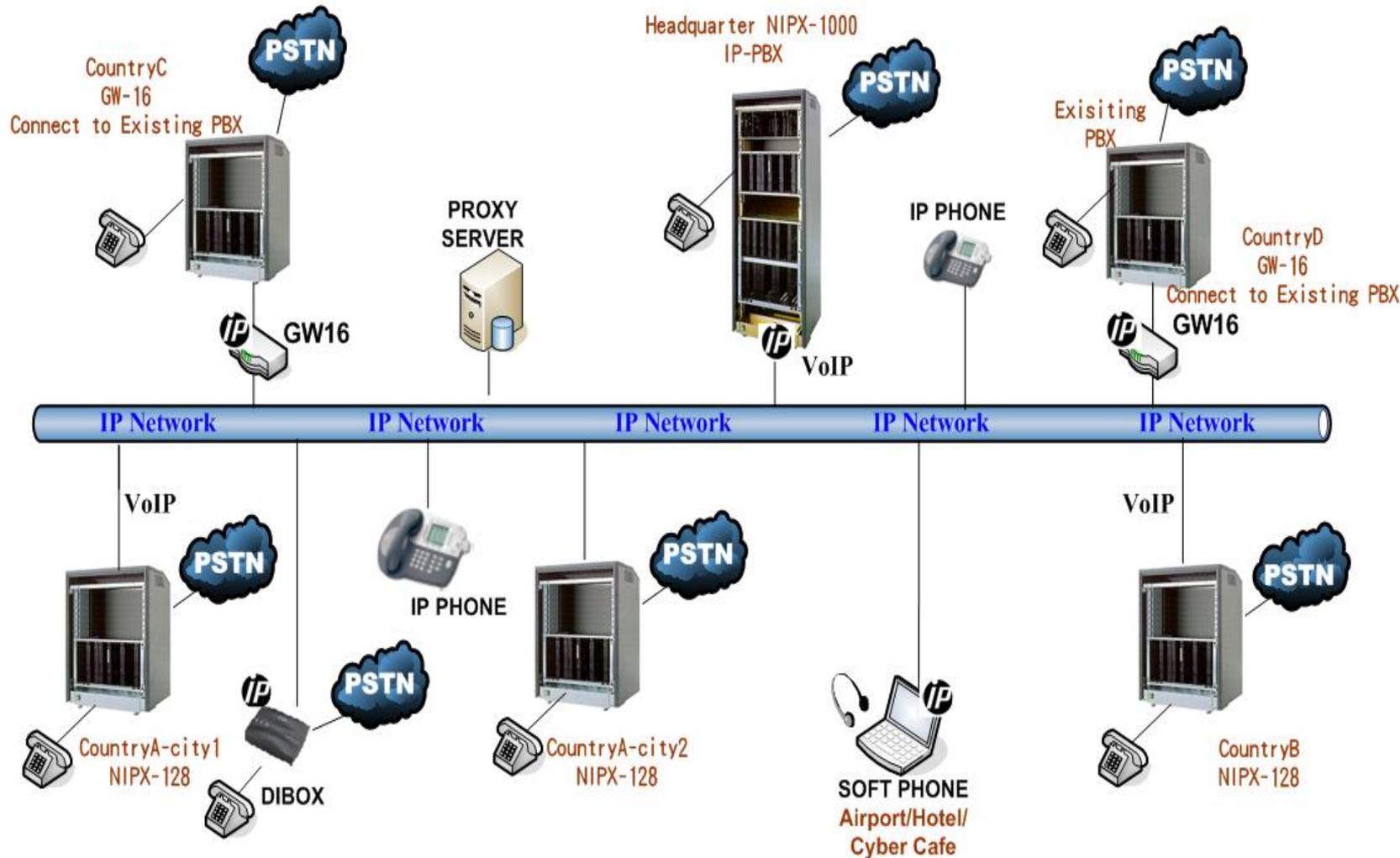
## -Wireless Controller

While taking NIPX-Series as a Wireless Controller, it can provide analog interface to connect with any brand of existing PABX to carry out DECT wireless application.



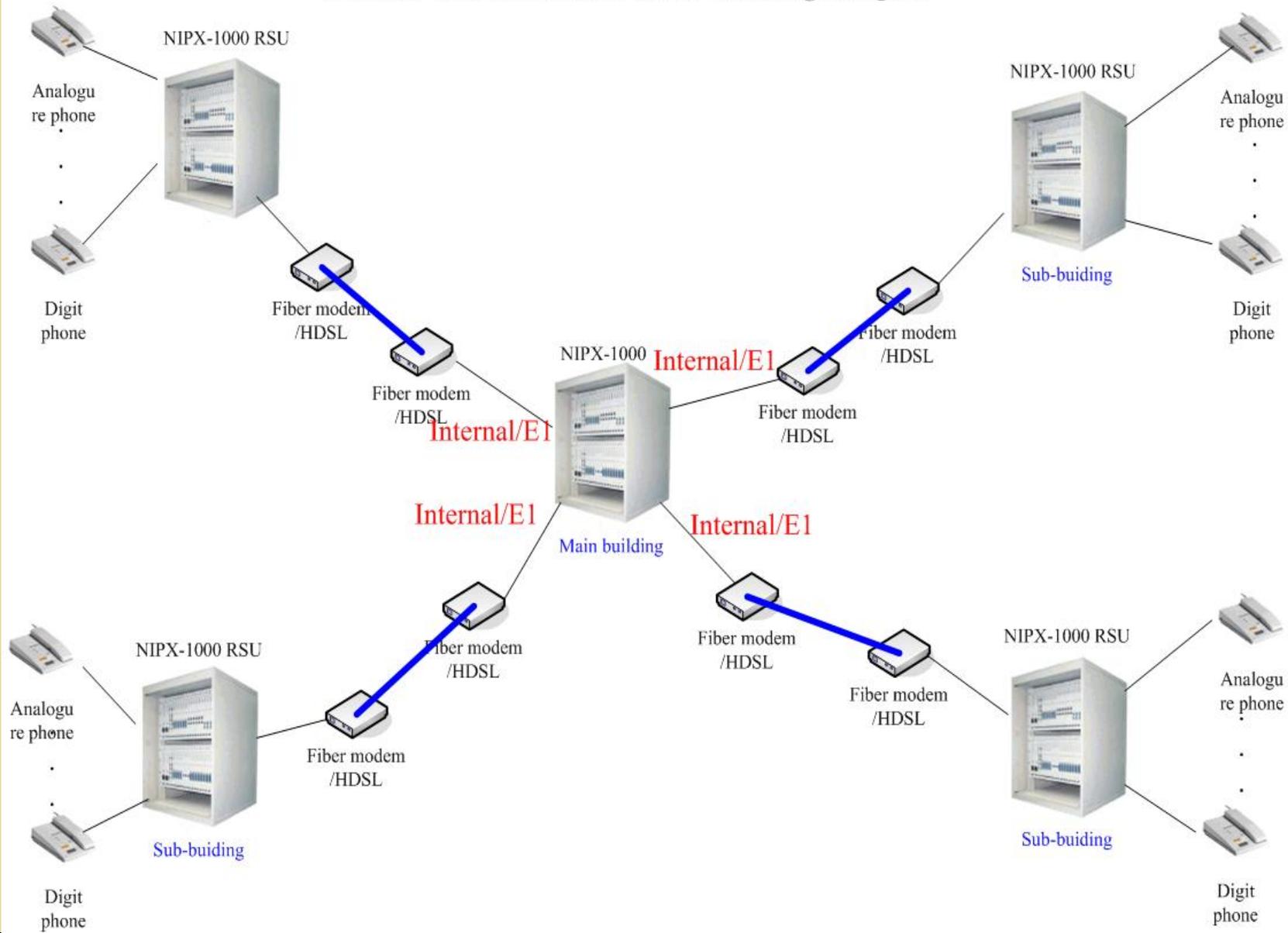
# VPN Application

Virtual Private Network for multinational enterprise

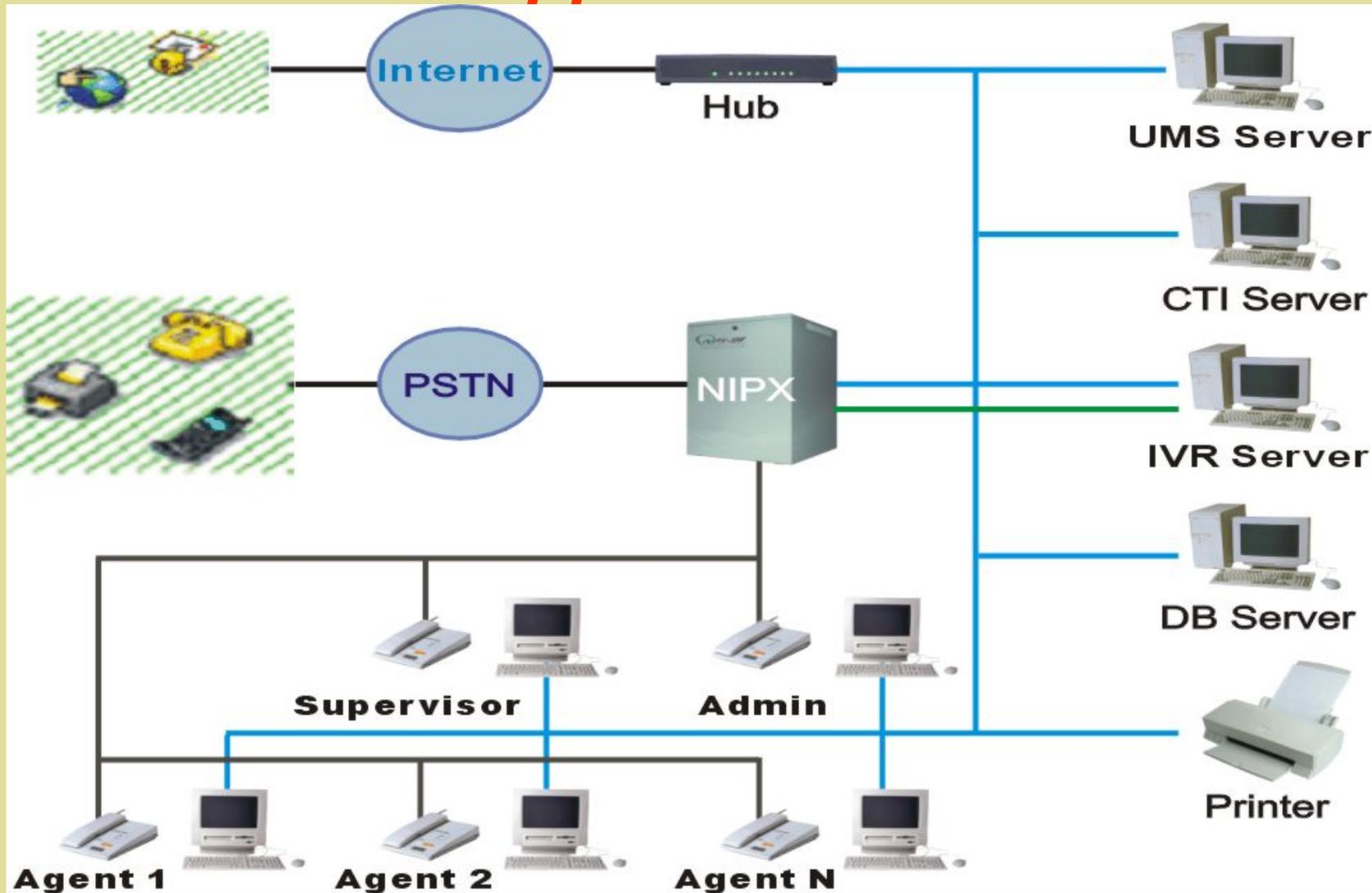


# Remote Switch Units Application

Remote Switch Unit for multi-building campus



# Call Center Application





## Advantages of NIPX Series from competitors

- Provides GSM interface; to concentrate and reduce GSM calling cost.
- Provides E1/T1, PRI and BRI-T interfaces; it can make diversity of networks.
- Provides Caller ID function; Keyphone and Single phone all can display Caller ID.
- Provides VoIP interface; it can make a VPN network which makes free calls within the VPN network around the world.
- Provides CTI TSAPI interface for partner to develop Call Center or to purchase KY's Call Center as optional.
- Provides PC console and key phone + DSS for operator.
- NIPX Series adopts the universal slots for interface cards, it has flexible capacity from 16 to 7168 ports for your expansion.



THANK YOU

