

Cisco.com

Network Trends & Cisco Solution for Construction Industry

Aug/19/2003

/kyoo@cisco.com

Advanced Technology Sales Team



Agenda

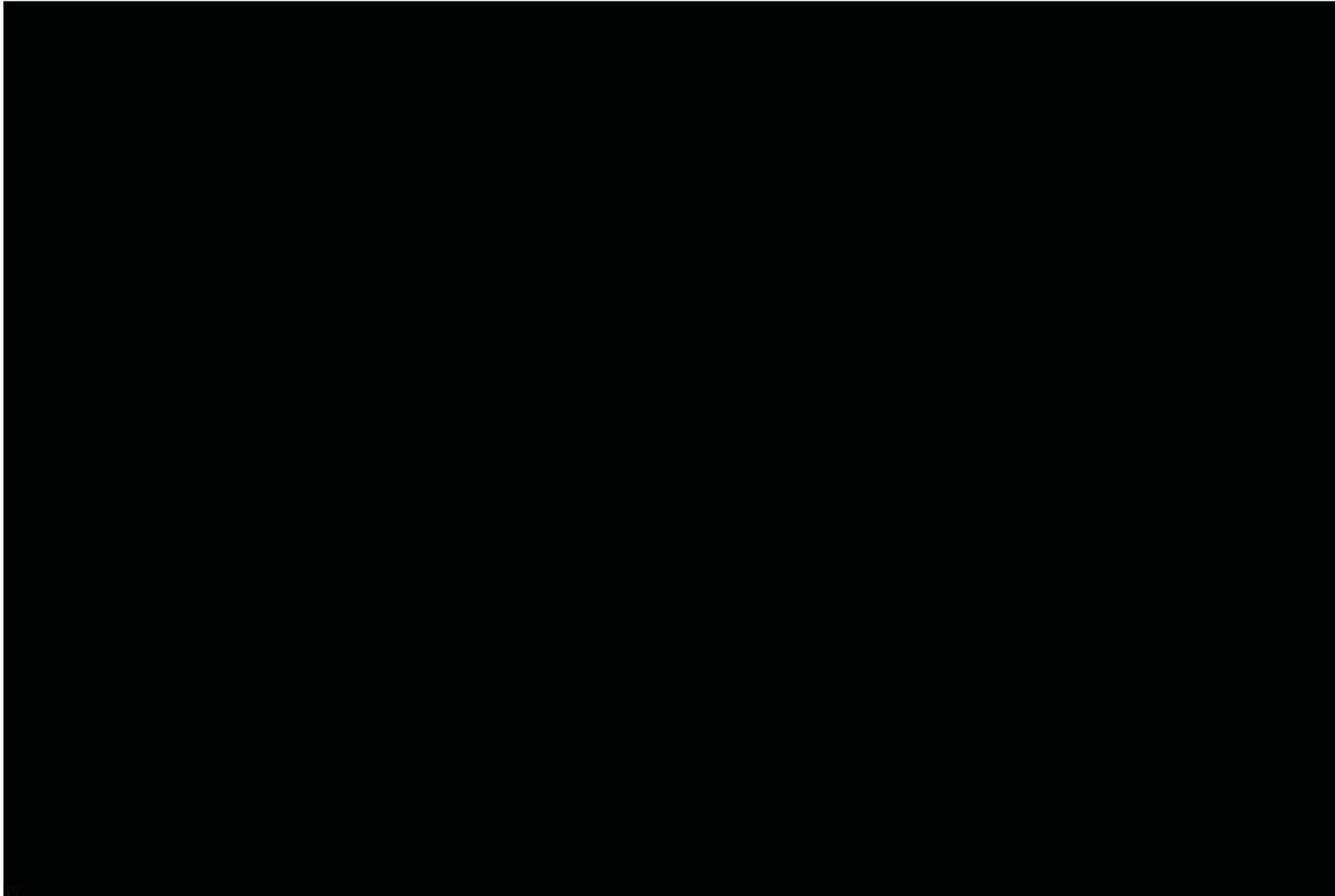
Cisco.com

The background of the slide features a large, semi-transparent Cisco logo in the center. Behind the logo is a photograph of a multi-story office building with many windows, viewed from a low angle. The entire scene is overlaid with a blue-to-white gradient and horizontal light streaks, giving it a modern, digital feel.

Cisco

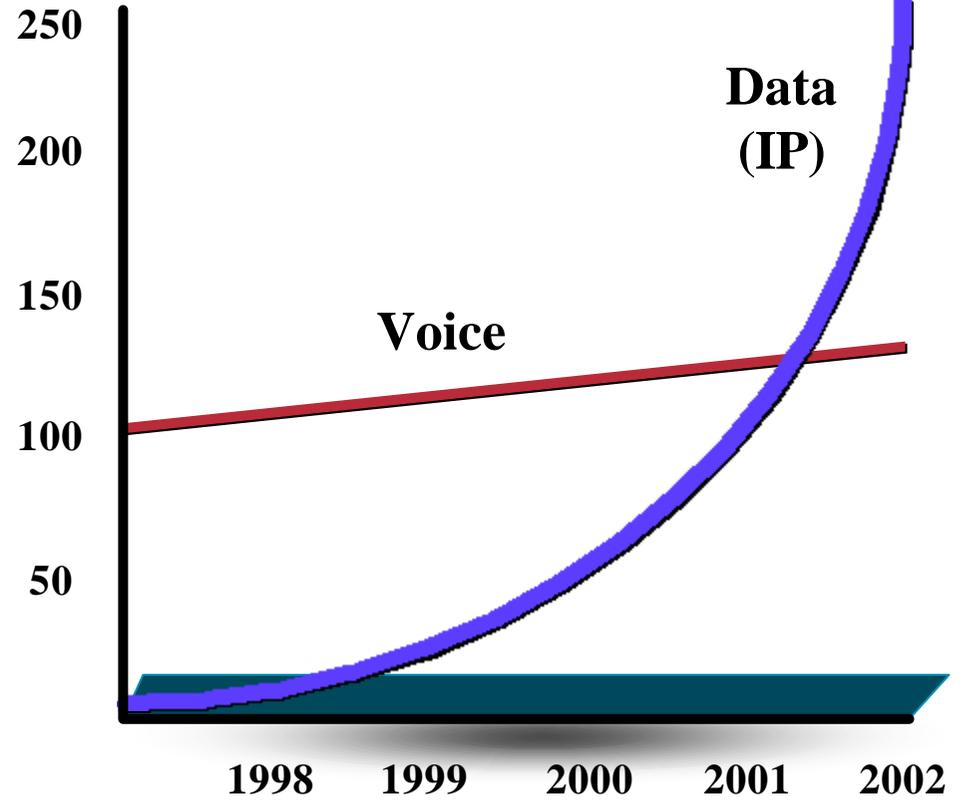
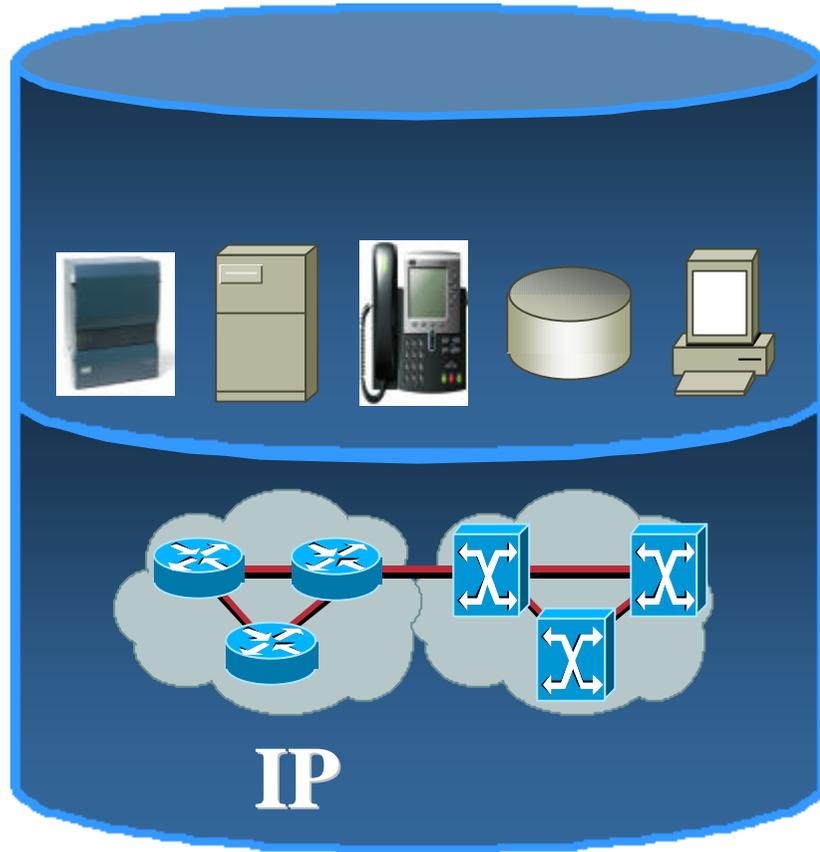
Cisco IP Telephony

Cisco.com



IP

Cisco.com



IP

IP

가

All IP

(NGN)

Cisco.com

1등 인터넷뉴스 조선닷컴 - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Address http://www.chosun.com/w21data/html/news/200306/200306090170.html

chosun.com
조선일보
DIGITAL CHOSUN

IT·과학

HOME >> 경제 >> IT·과학

청담 미성형외과
(지하철 7호선 청담역 8번출구)
미 성형외과

스포츠조선 | 게임조선 | 주간조선 | 월

전체기사
정치
경제
리얼타임
주식
부동산
재테크
기업
글로벌경제
취업·창업
자동차
경제정책
금융
IT·과학
IT조선
주니어보드
섹션속 섹션
기사목록

사회
국제
문화
스포츠
지역

LOTTO

아날로그 전화교환기 추억 속으로 ... 100% 디지털화

국내에서 아날로그형 전화교환기가 완전히 사라졌다.

KT는 9일 서울 광화문지점에 설치했던 반(半)전자교환기를 떼어 내고, "1979년~1981년에 도입했던 반전자교환기 790만 회선을 모두 철거함으로써, 전국 모든 전화교환기를 100% 디지털화했다"고 밝혔다.

전화 가입자들을 서로 연결하는 전화교환기는 교환원이 손으로 통화자들을 연결하는 수동식에서부터 시작해 기계식교환기·반(半)전자교환기·전(全)전자교환기 순으로 발전해왔다. 이같은 교환기 역사는 우리 나라 전화기 대중화의 역사와 궤를 같이 한다.

이번에 철거된 반전자교환기는 아날로그방식과 디지털 방식을 혼합한 것으로 지난 1981년 벨기에와 미국에서 각각 수입돼 청와대를 비롯하여 서울 광화문 일대 관공서와 대기업에 전화를 대량으로 보급하는 계기가 됐다. 최초의 반전자교환기는 1979년에 도입됐다.

KT는 1982년 전전자교환기를 수입해 완전 디지털 시대를 처음 열기 시작했고, 1986

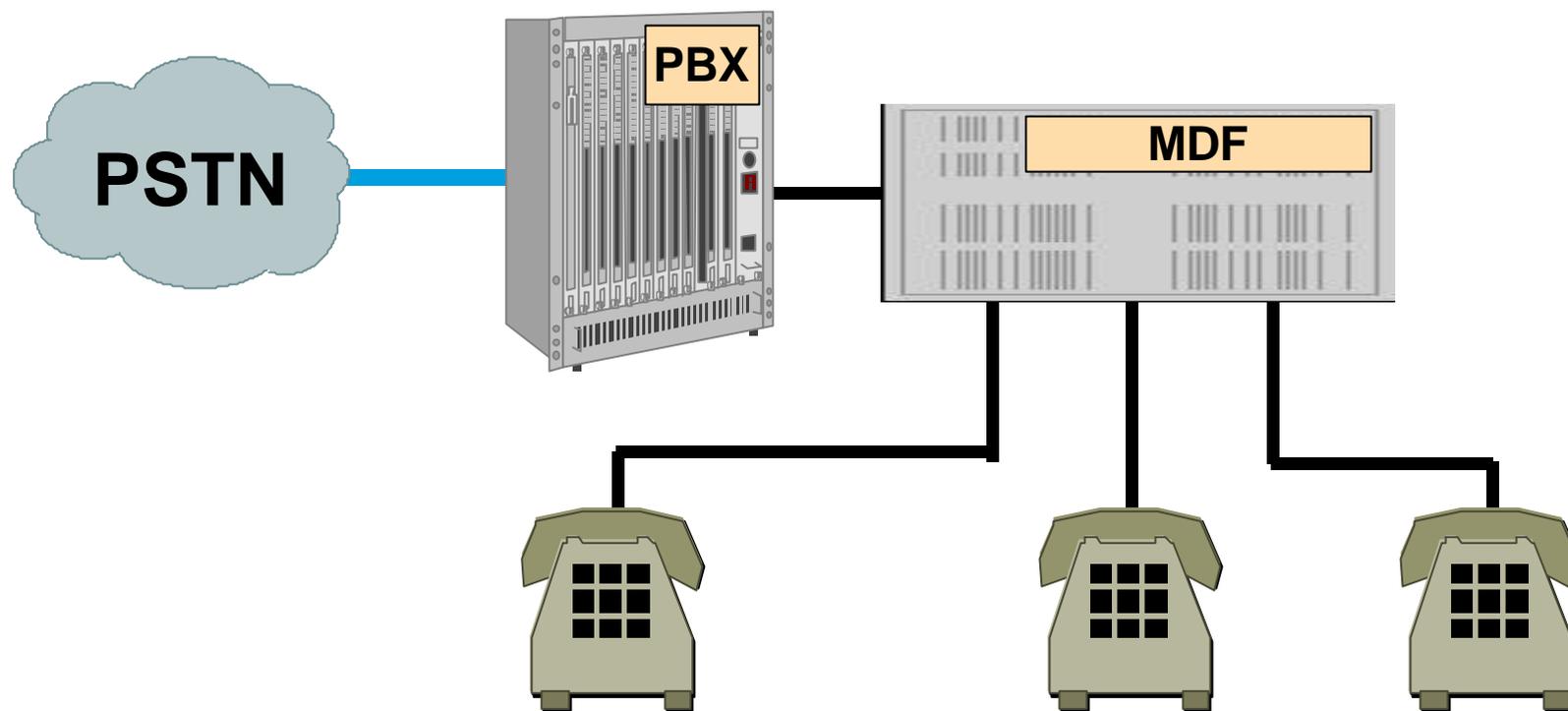


▲ KT 미용경 사장이 9일 광화문 지점에서 지난 79년에 설치돼 24년 동안 전화대중화를 선도한 반전자 교환기를 완전 철거하고 있다.

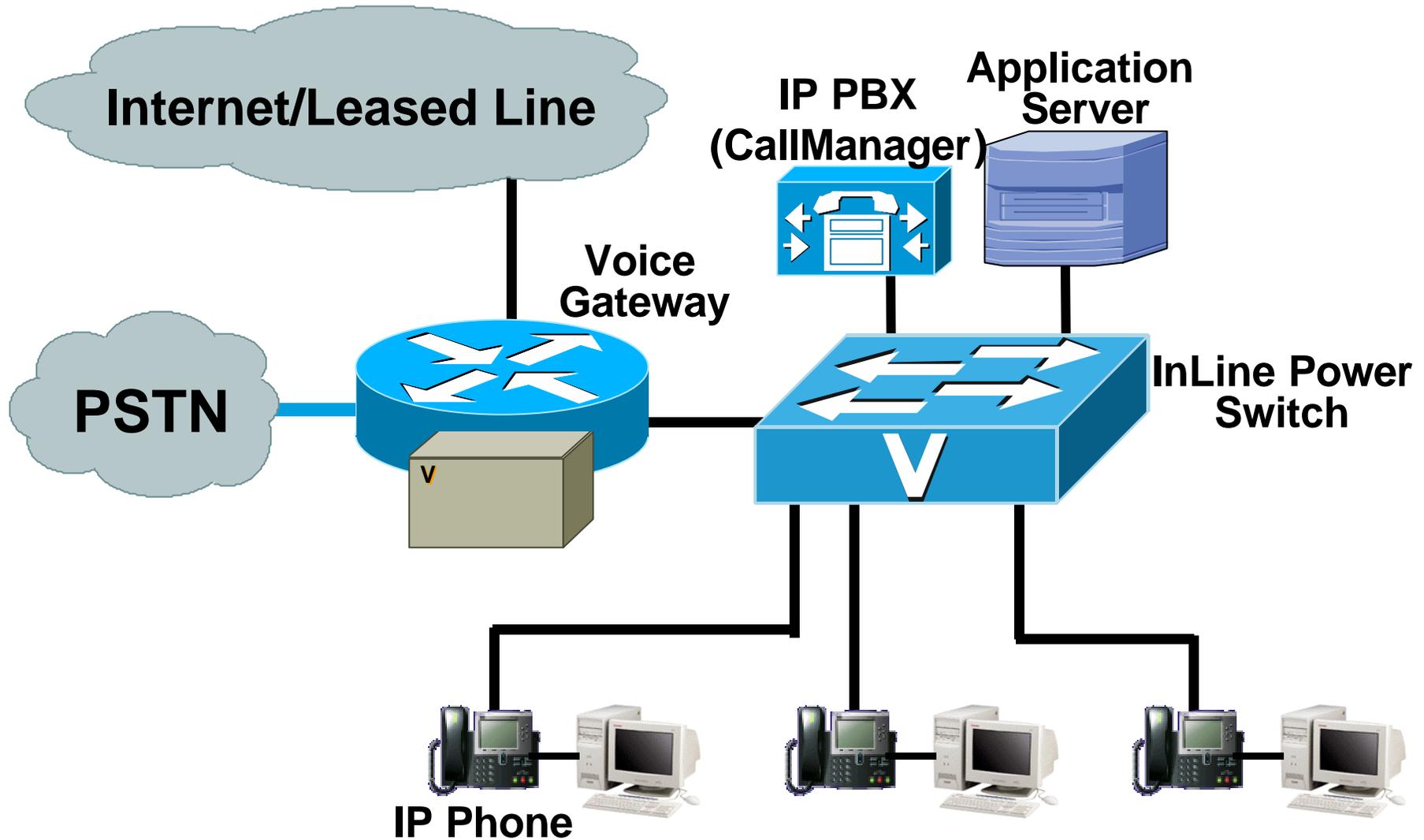
Internet

Analog PBX

Cisco.com



IP Telephony



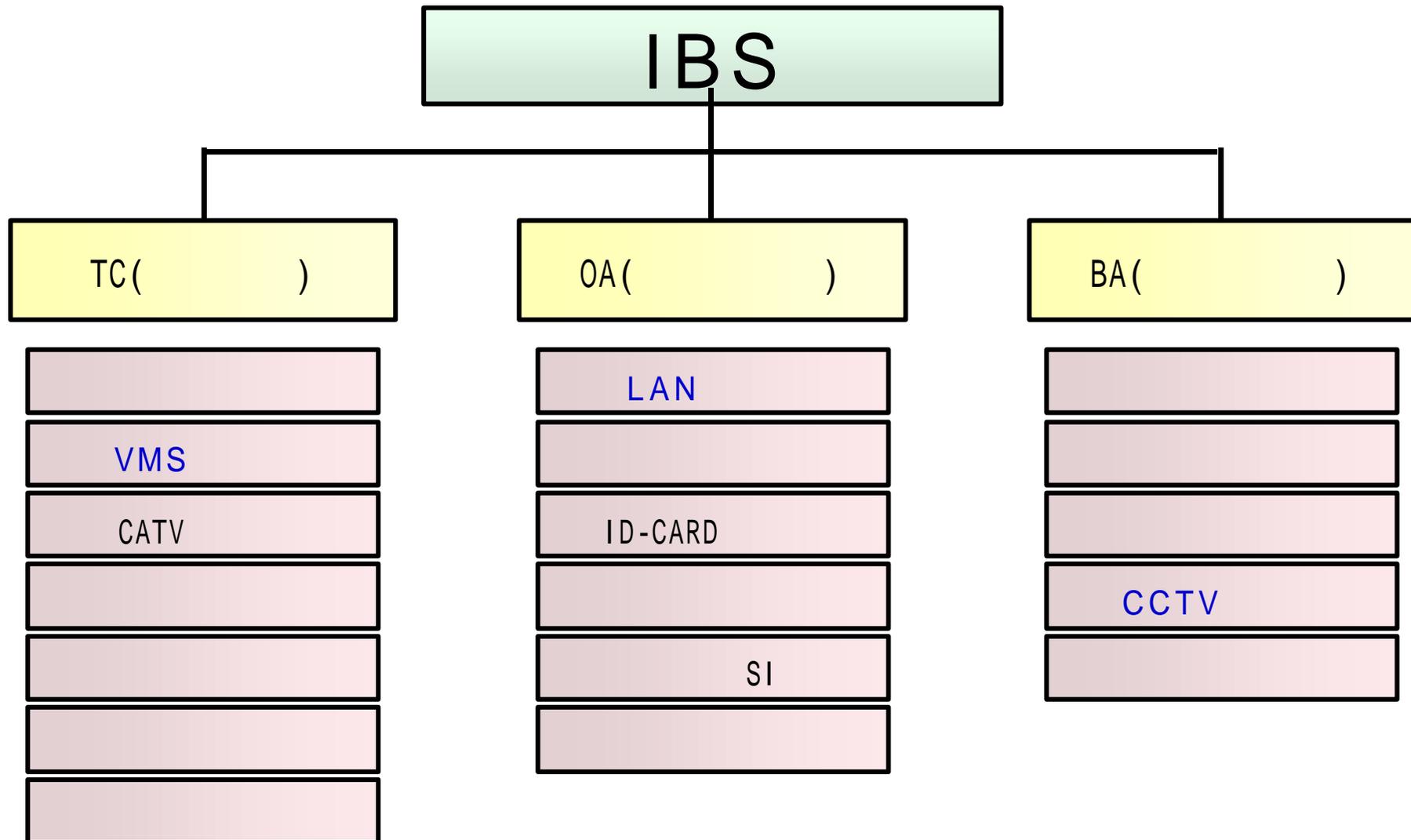
Agenda

Cisco.com

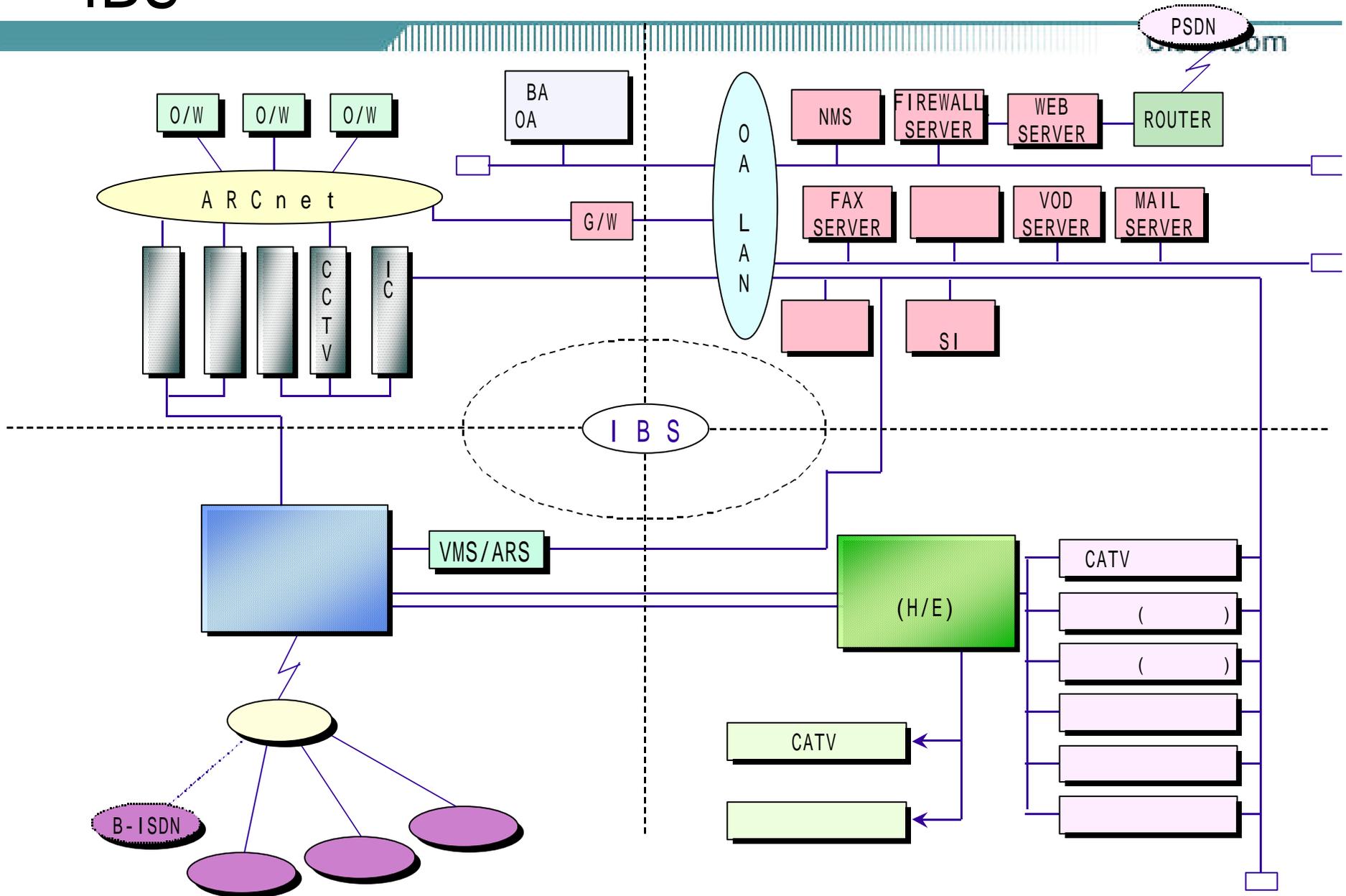
A large, semi-transparent Cisco logo is overlaid on a background image of a modern multi-story office building. The building has many windows and a curved facade. The overall color scheme is light blue and white, with a decorative horizontal bar at the top consisting of a solid teal section on the left and a series of vertical lines on the right.

cisco

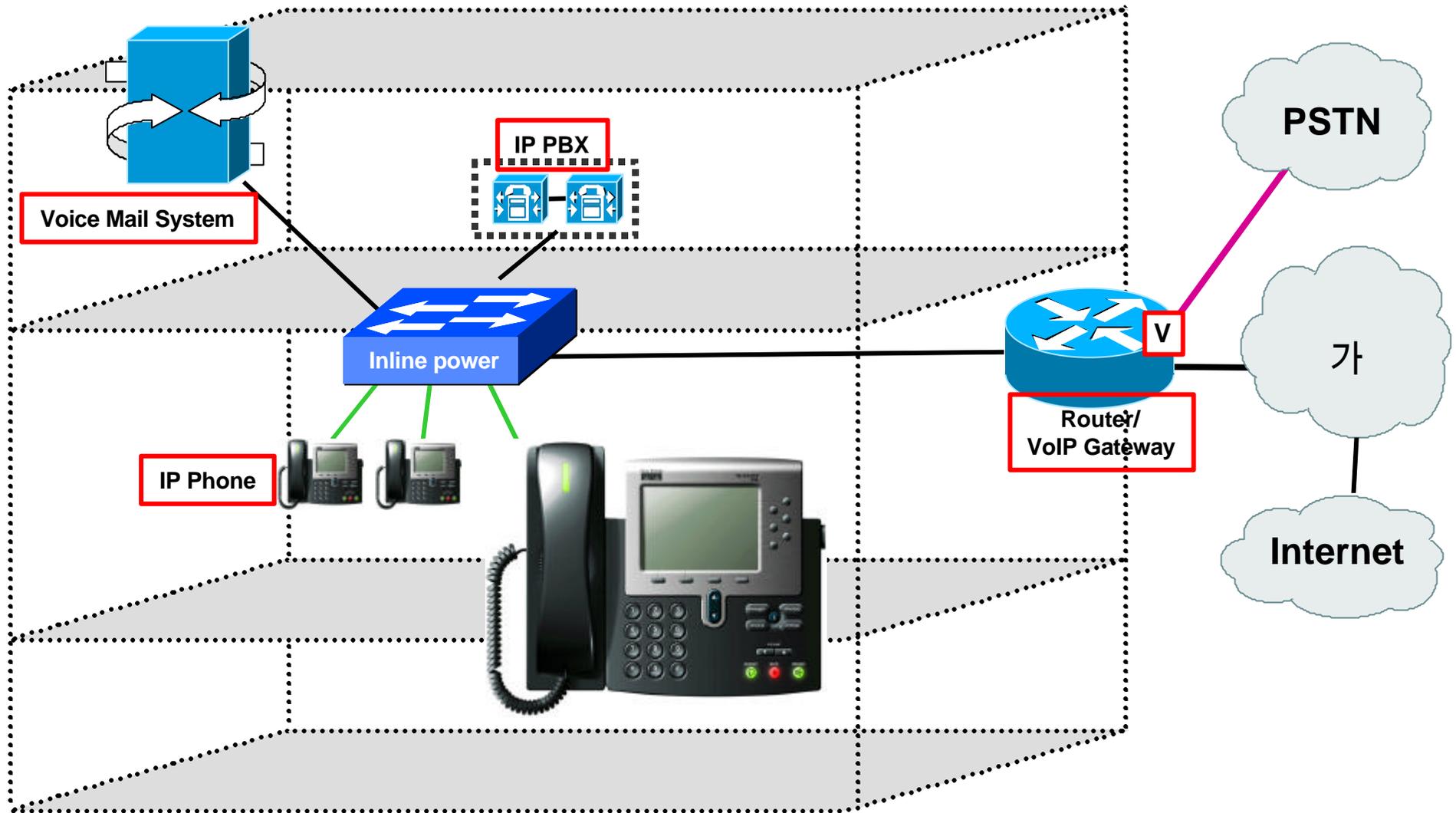
1. Intelligent Building System



IBS

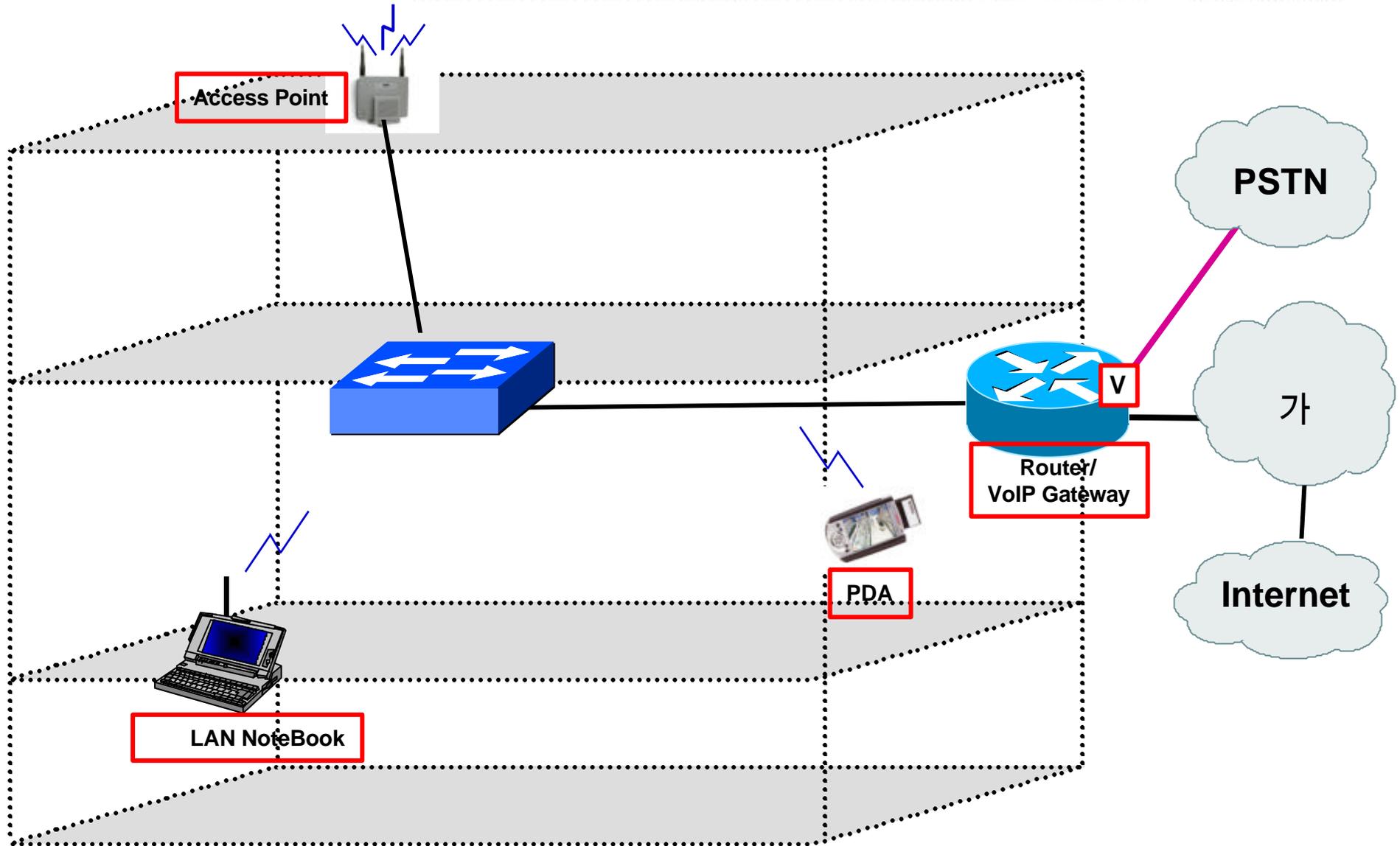


IBS – & VMS



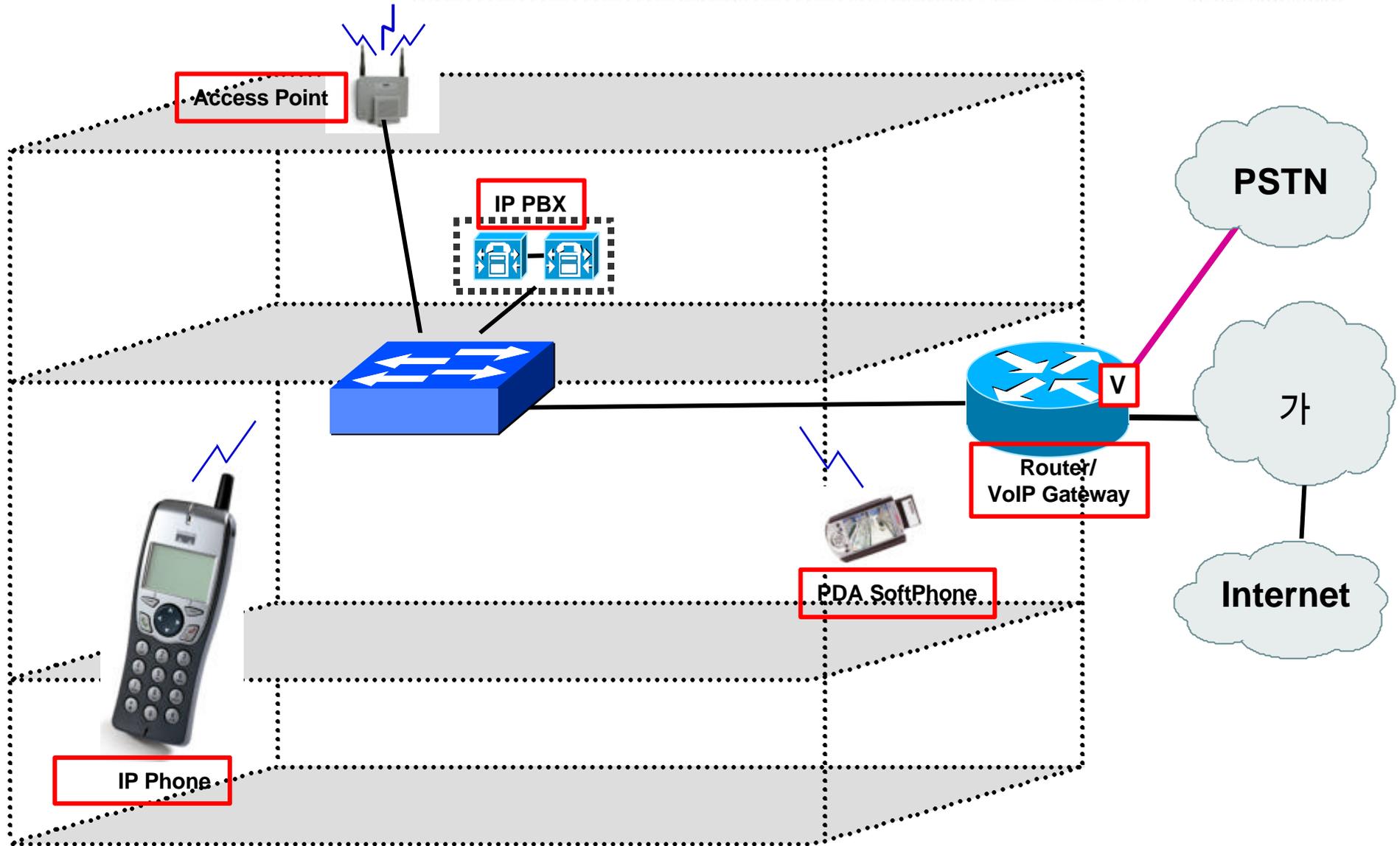
IBS – LAN

Cisco.com

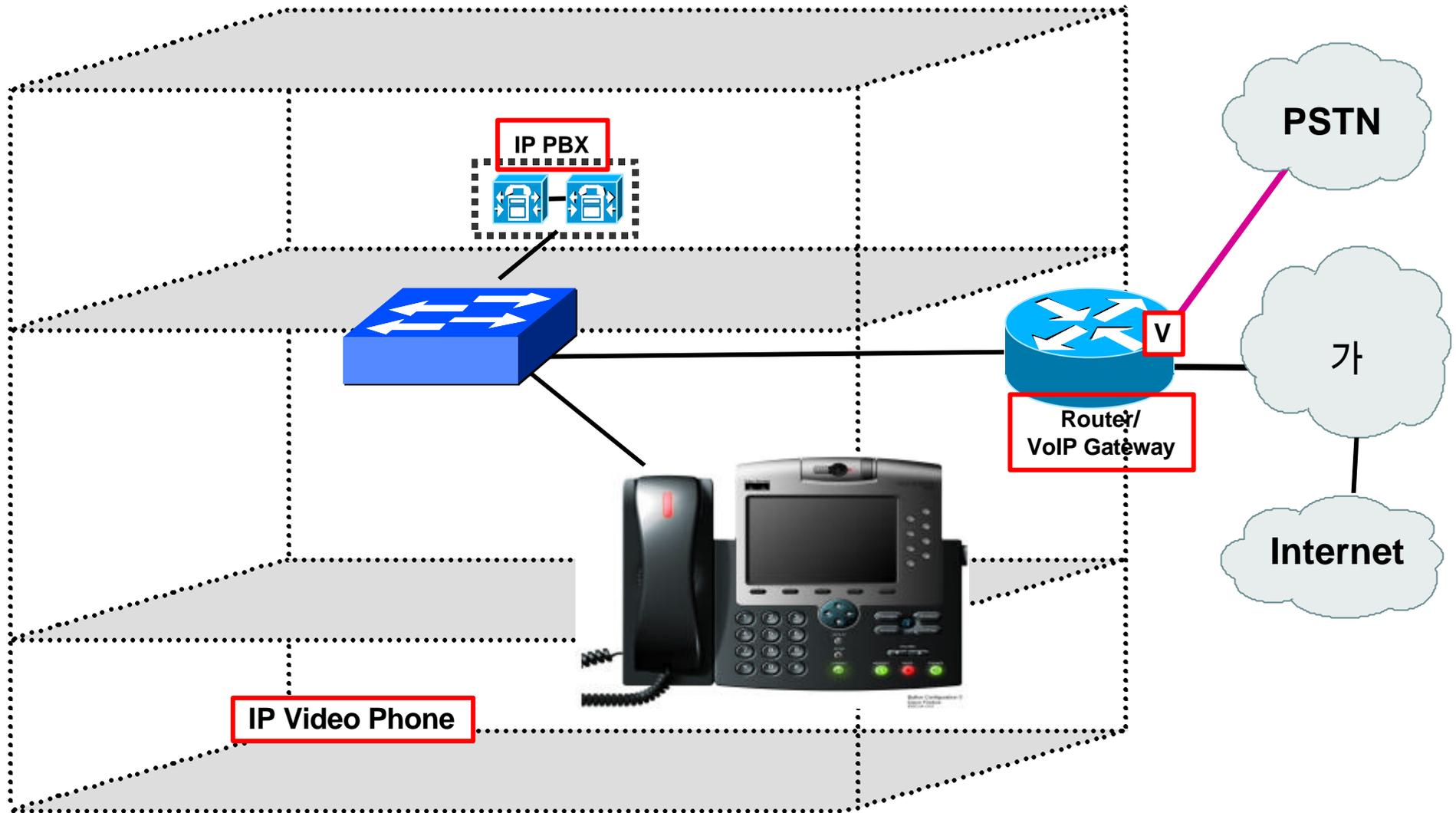


IBS – IP Phone

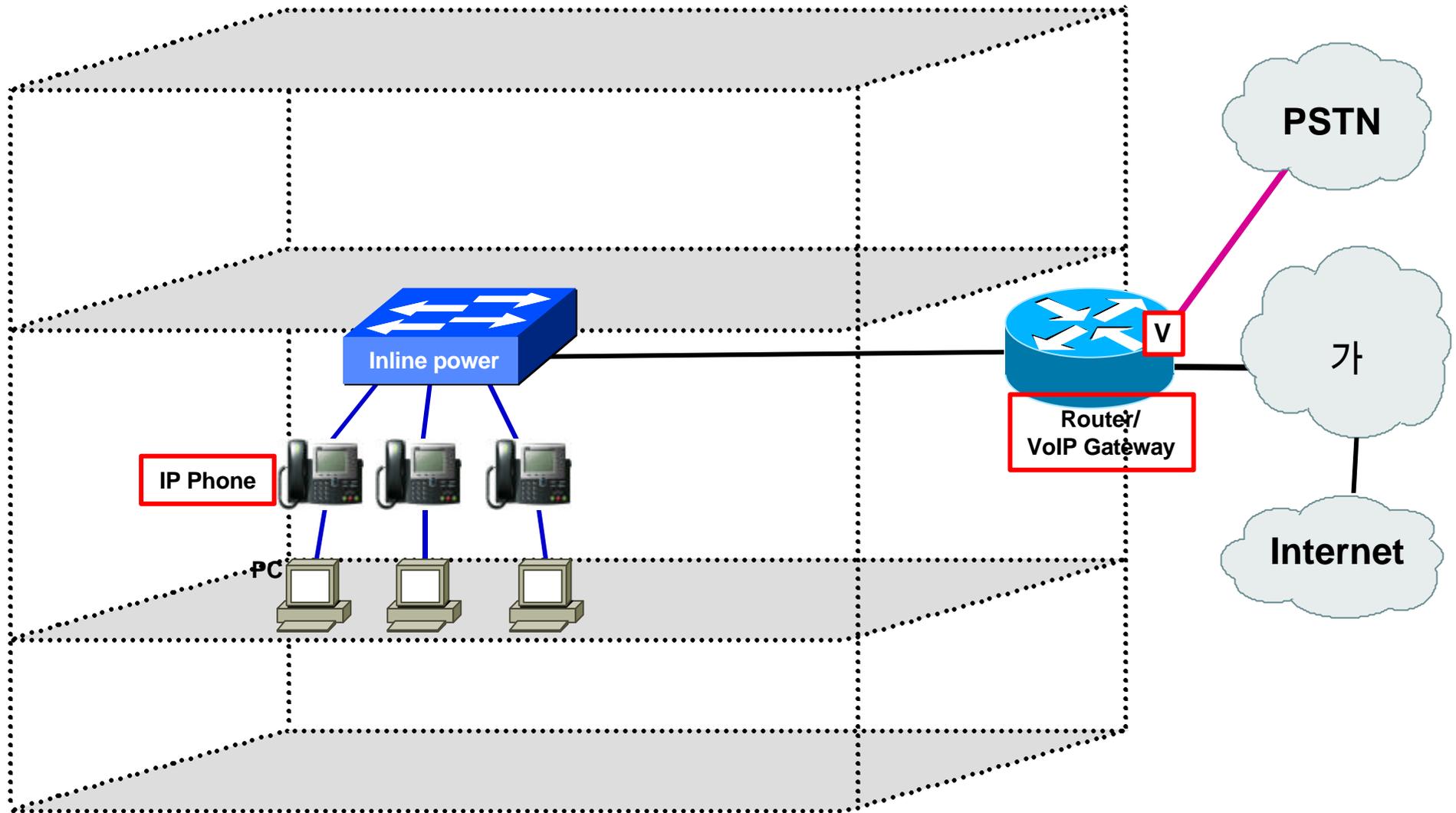
Cisco.com



IBS –

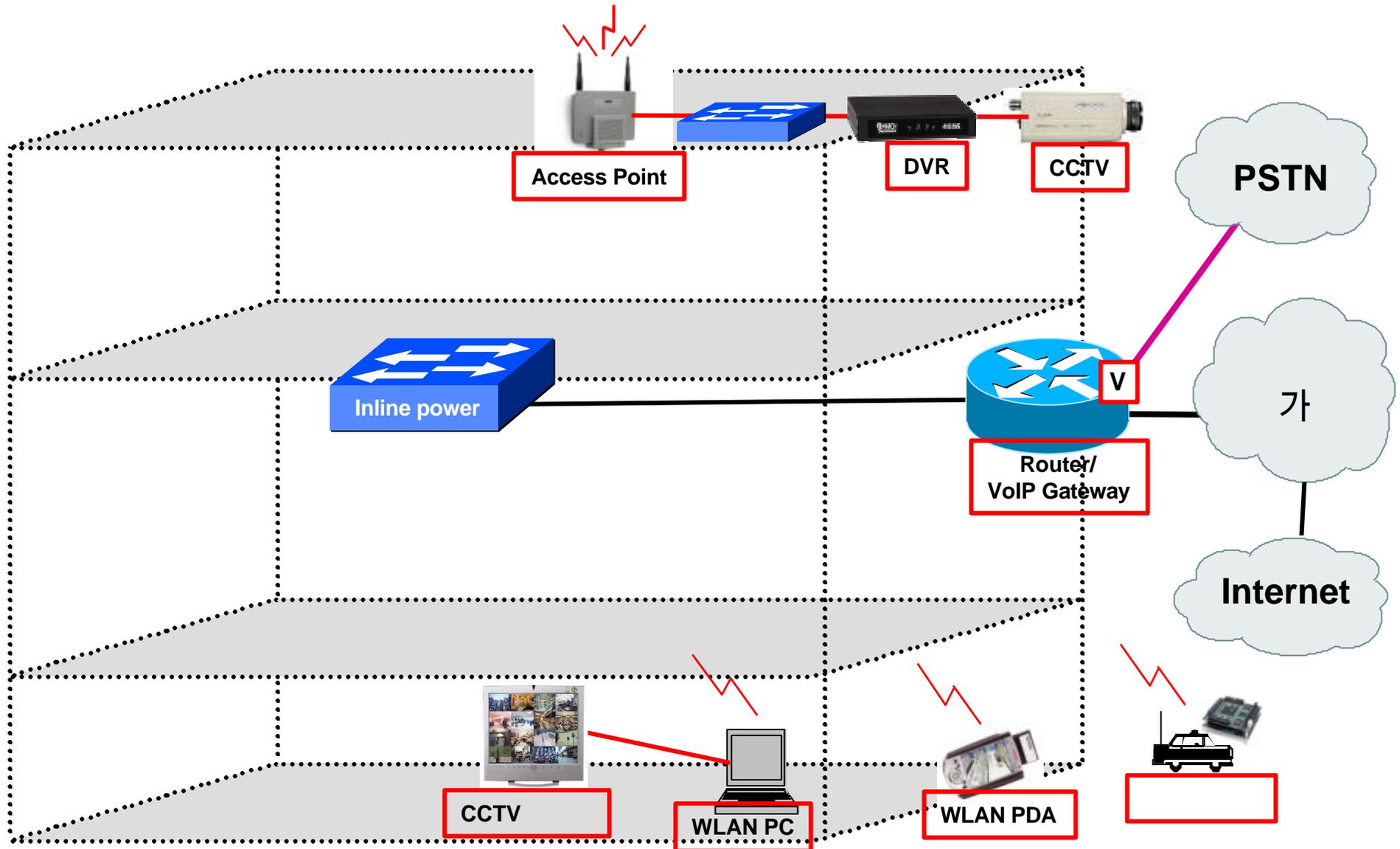


IBS -



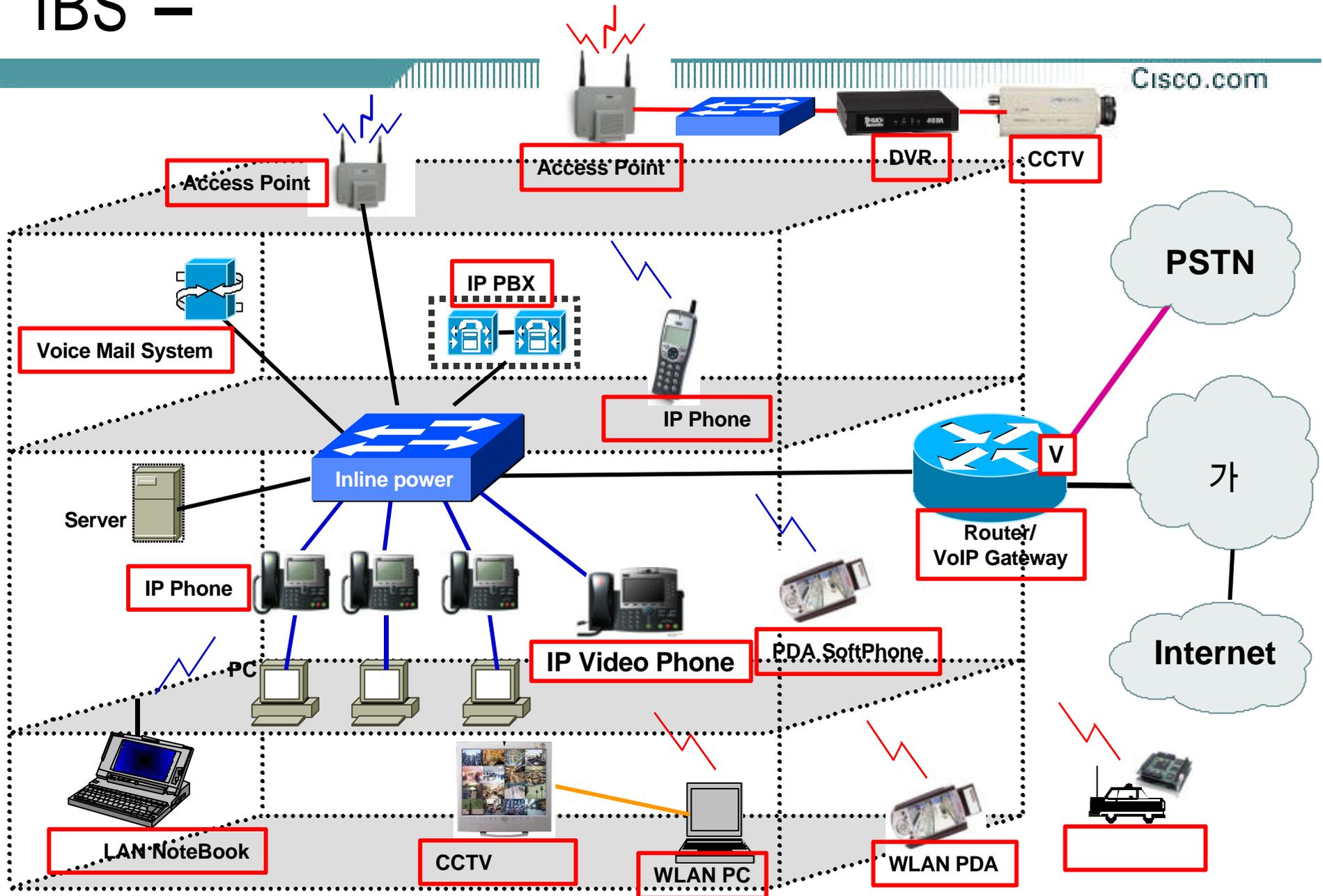
IBS – CCTV

Cisco.com



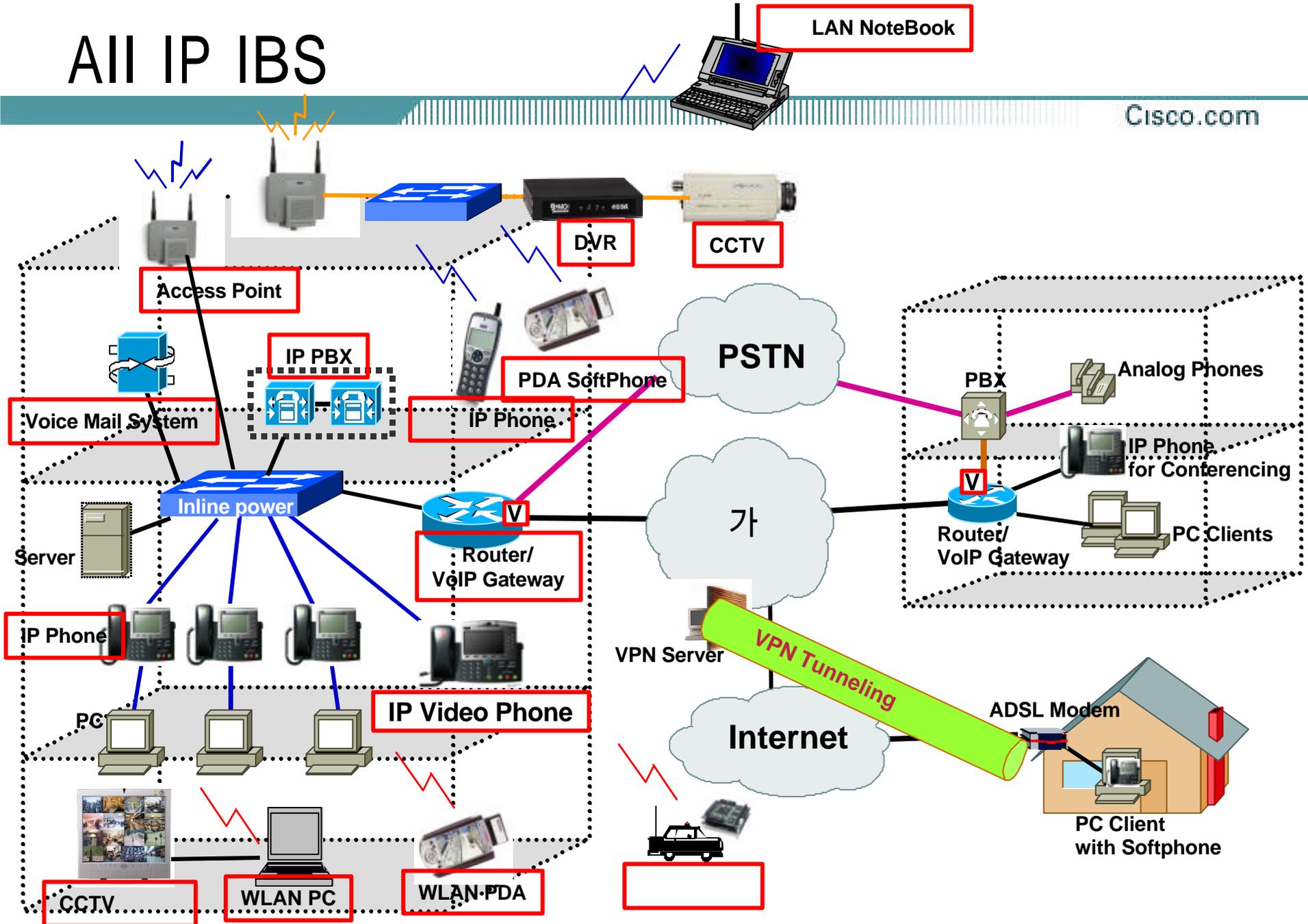
IBS -

Cisco.com



All IP IBS

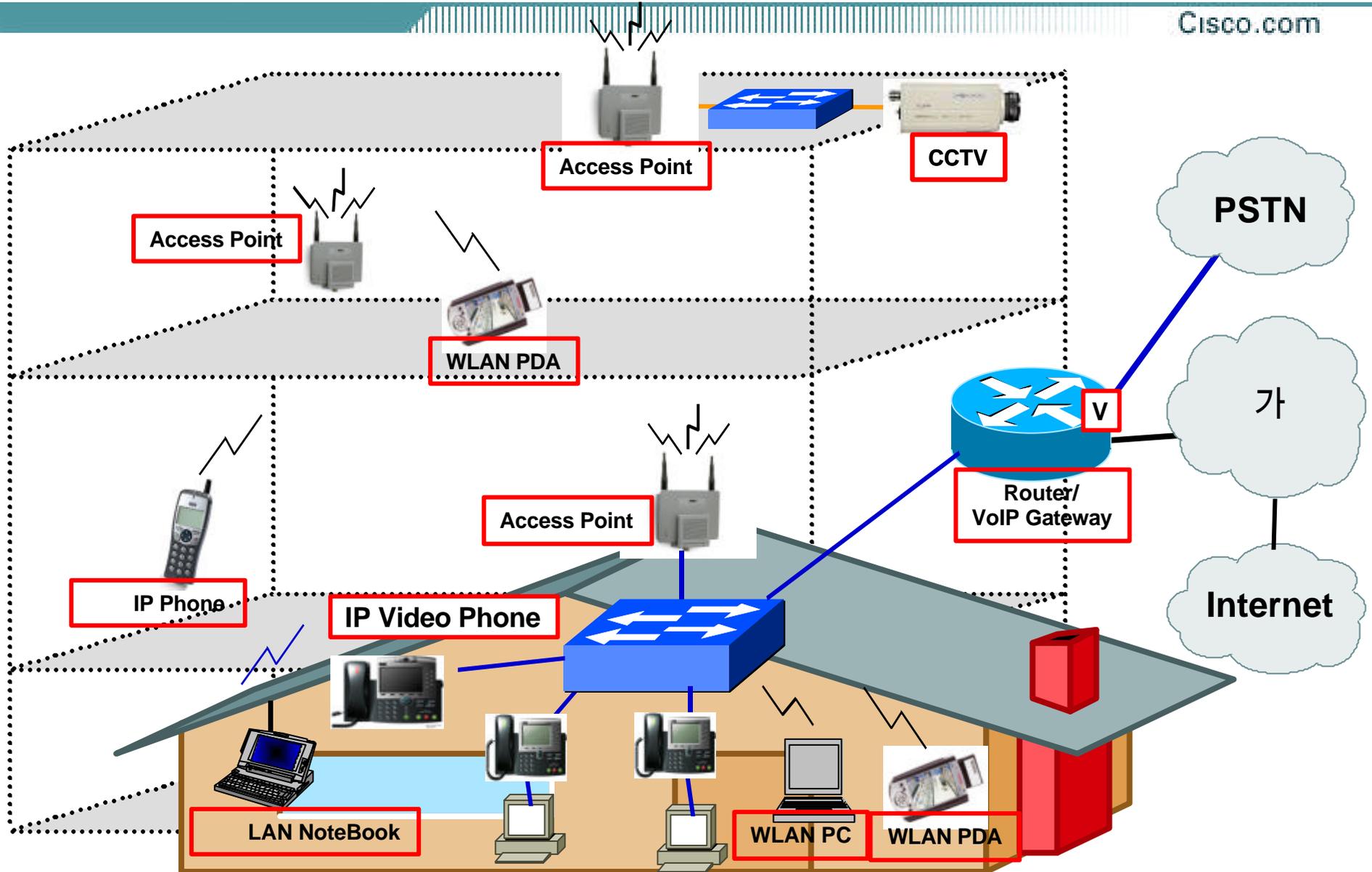
Cisco.com



2.

•PBX	KeyPhone PBX PBX	IP Telephony
•		IP Telephony
•	,	Wireless LAN IP Phone PDA SoftPhone
•		IP
•	가	Wireless

2.

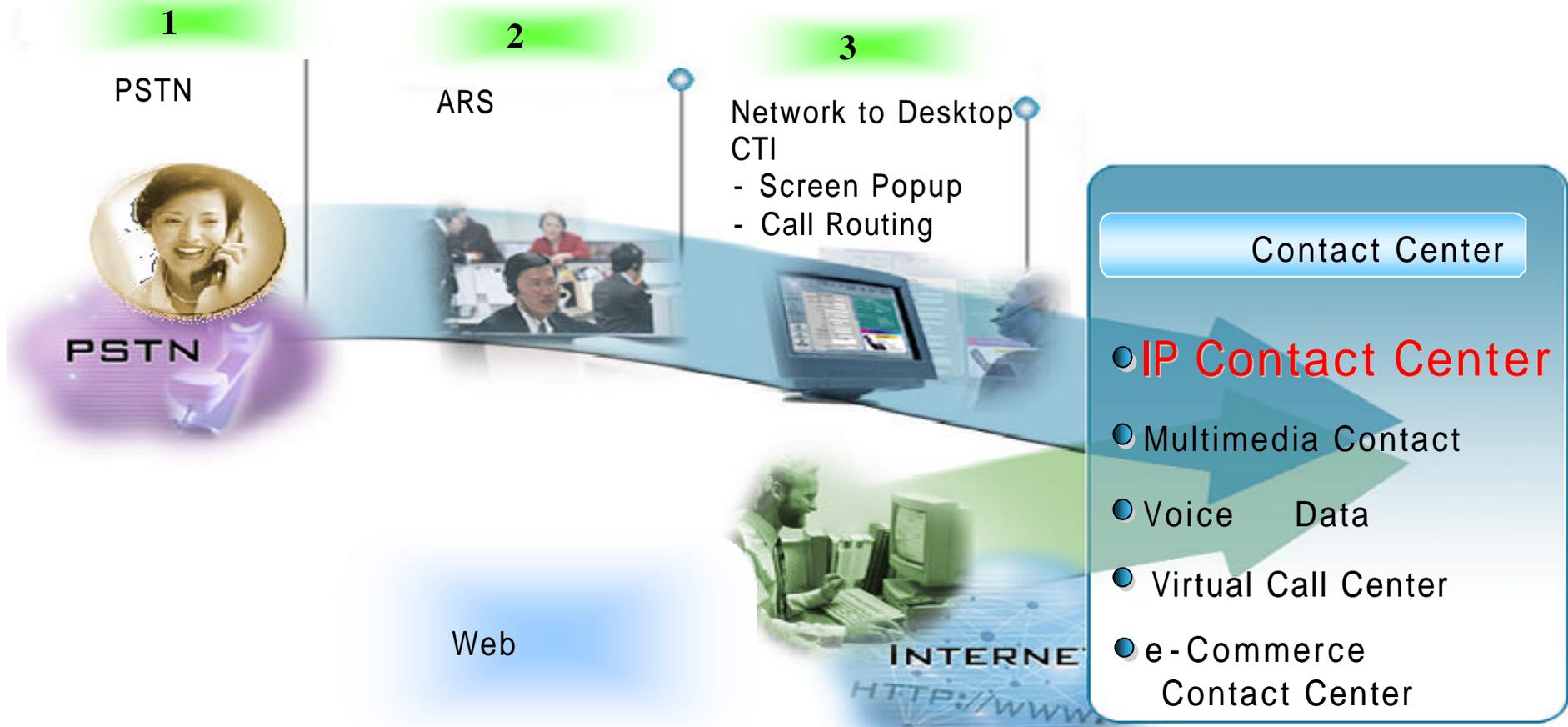


3.

• PBX	PBX	IPCC
•	PBX	IPCC

• I&S
-
- IPCC

Customer Call Center



Cisco IPCC

Cisco.com

IPCC = Packet
= IP Contact Center
= IP Telephony + Call Center SW (ICM)

- **Cisco IP Telephony**

Cisco VoIP/LAN Telephony

: QoS & 99.999% uptime

VoIP 가

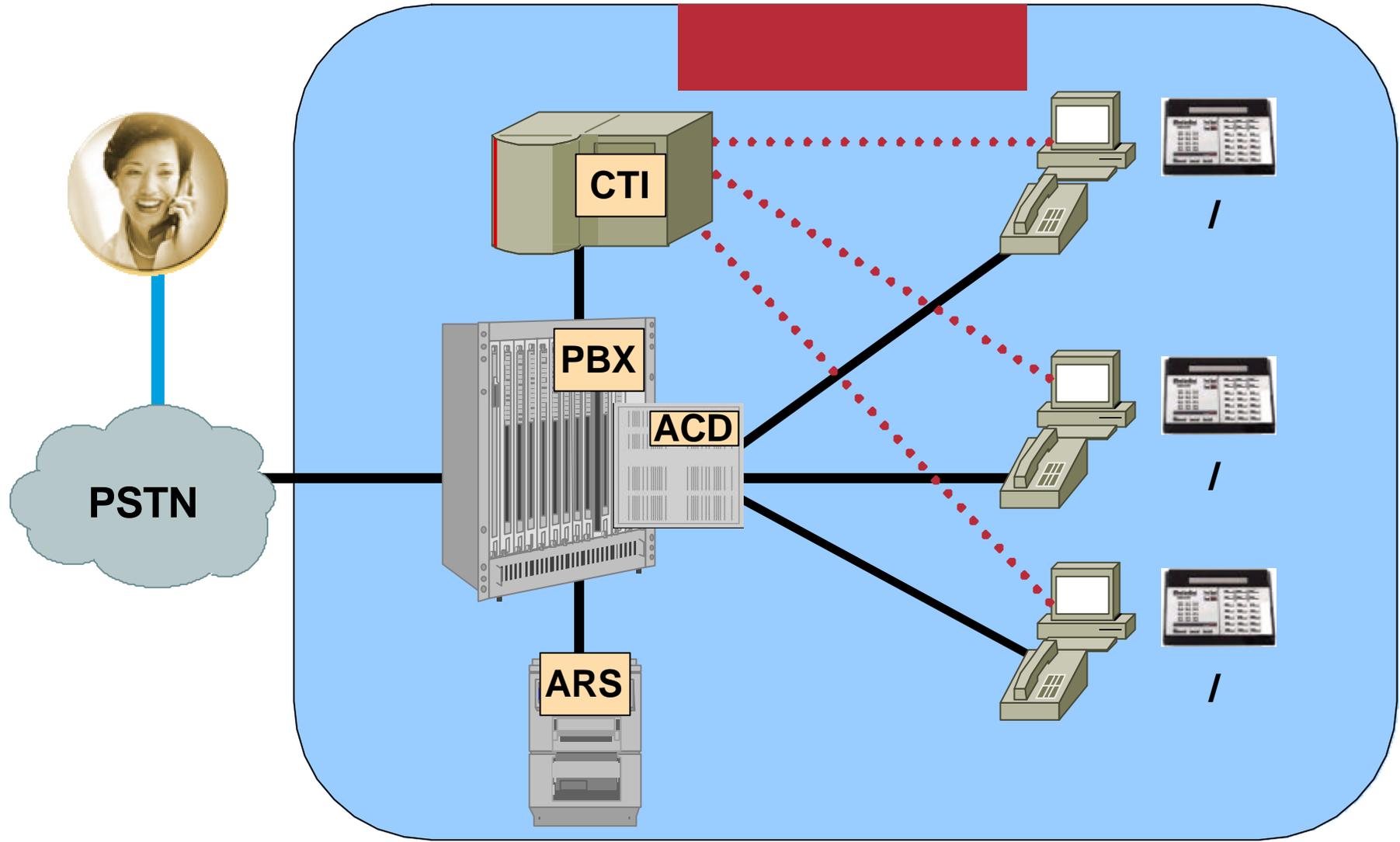
- **Cisco Contact Center SW(ICM)**

ICM Software (Intelligent Contact Management)

Carrier-class

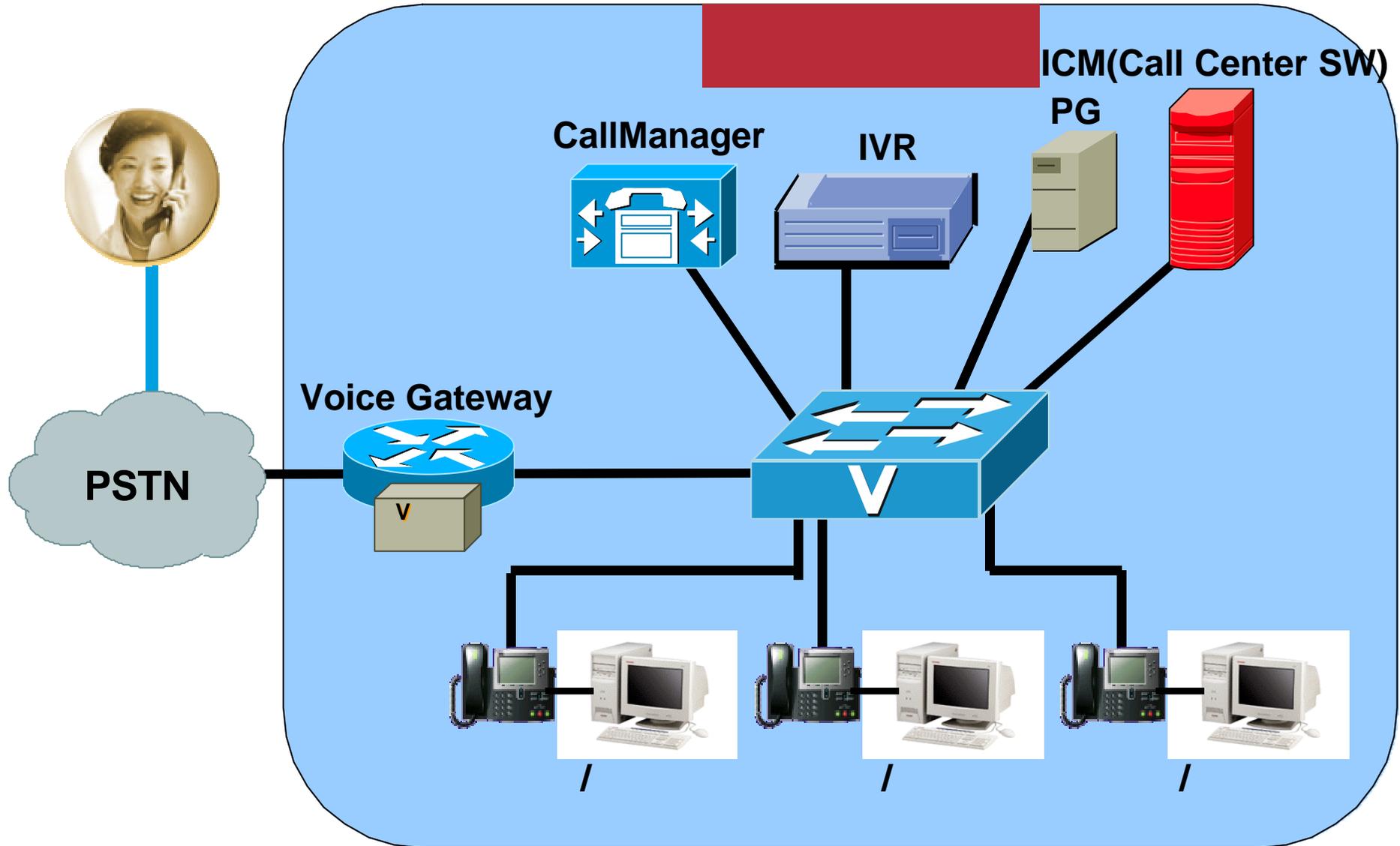
, ,

contact center



IPCC

Cisco.com



Cisco IPCC

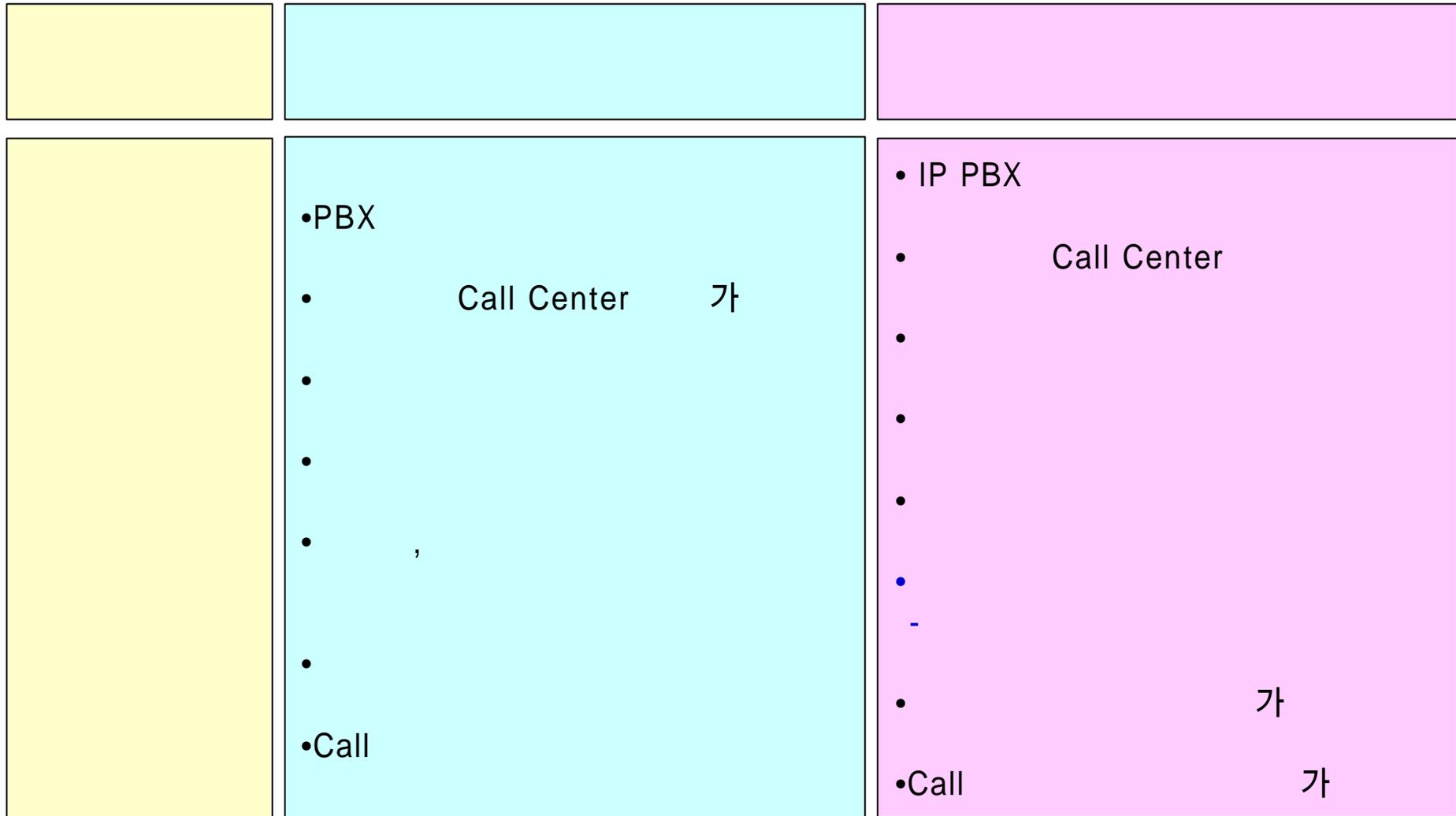
Cisco.com

“

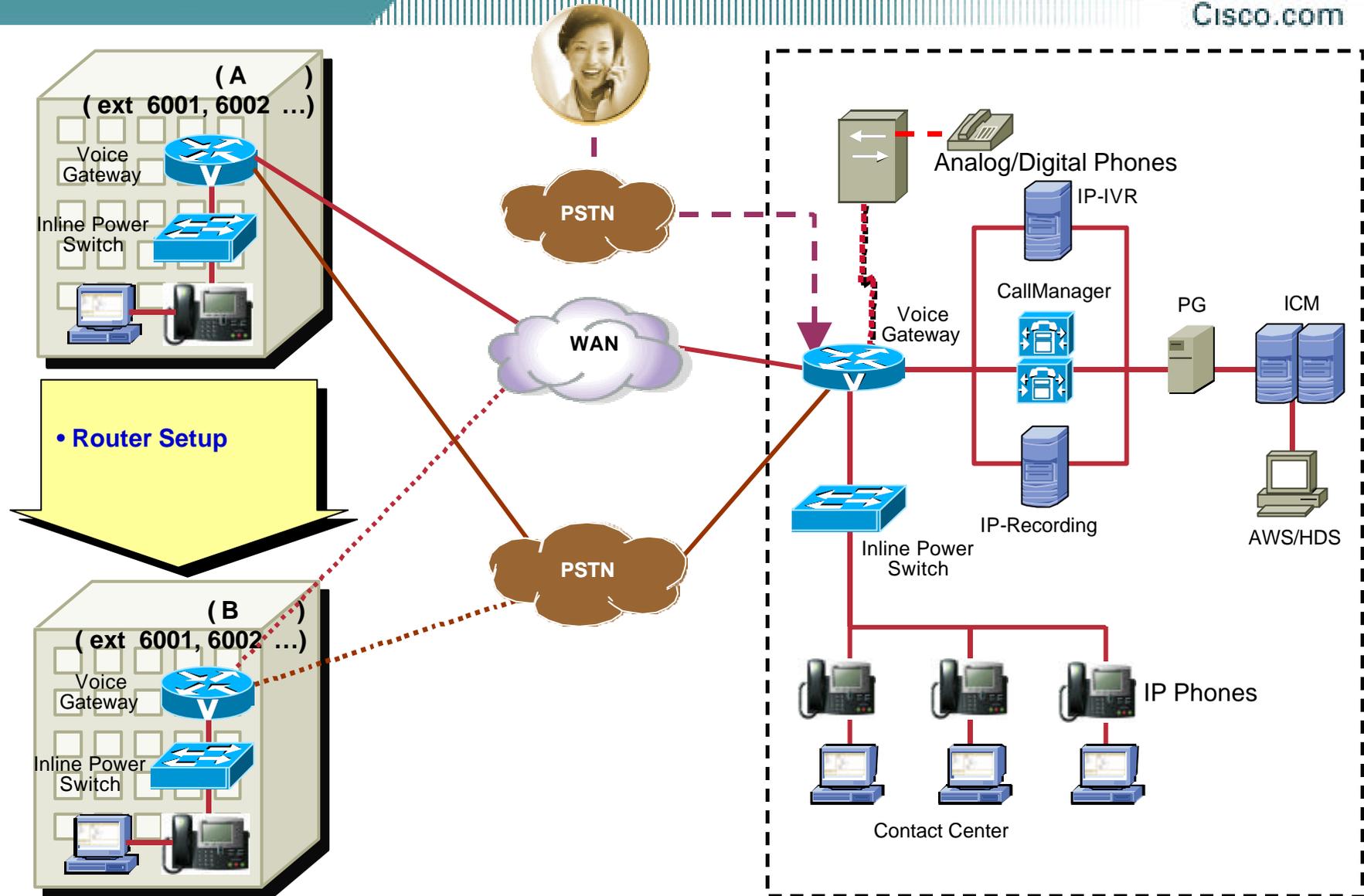
가 ”

- Voice, Web, e-mail, Video Conferencing
Multi-channel
- Platform
Open Architecture
- Contact Center
- TDM IP
Contact Center

Call Center

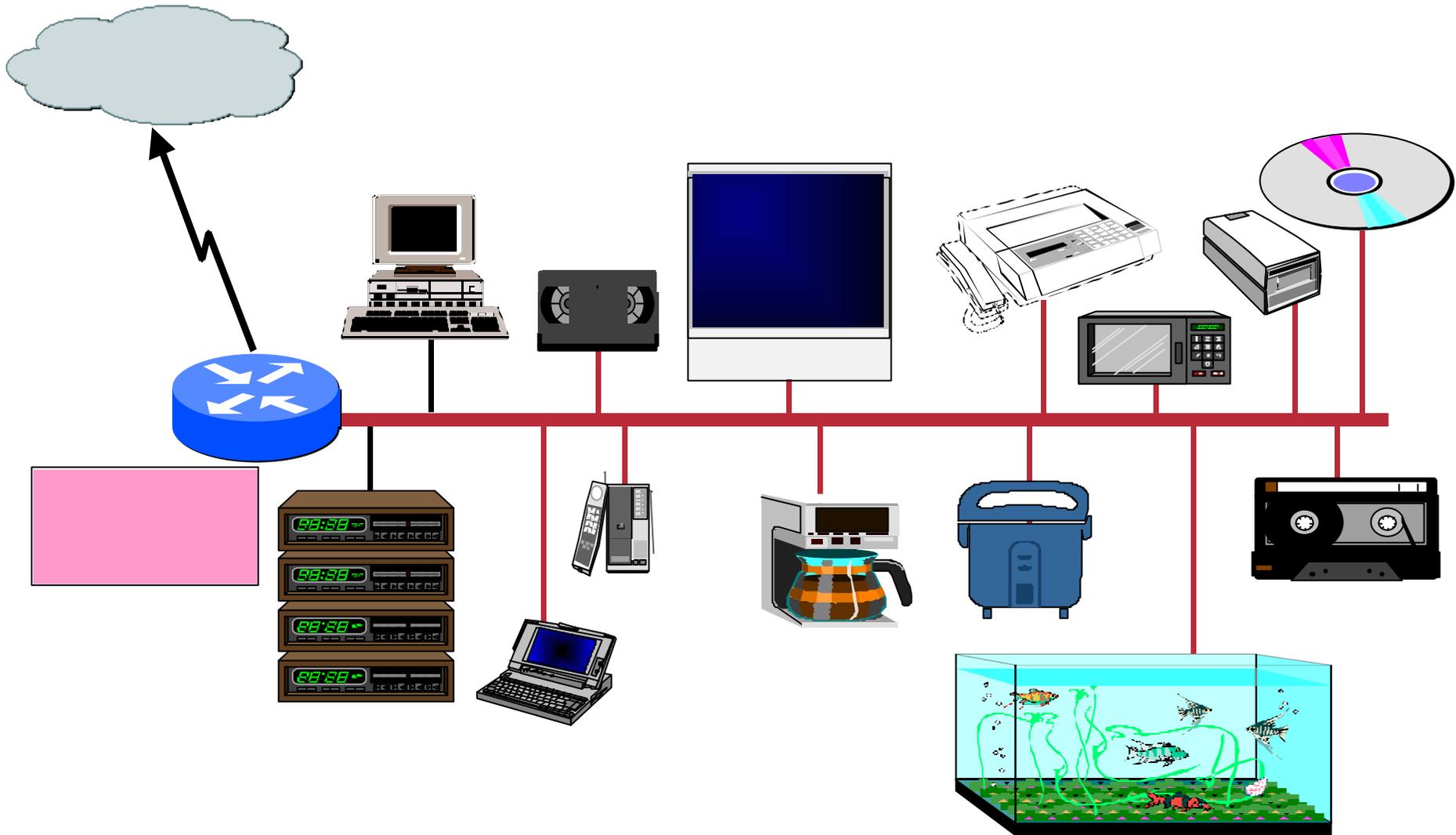


IPCC



4. Home Networking

Cisco.com

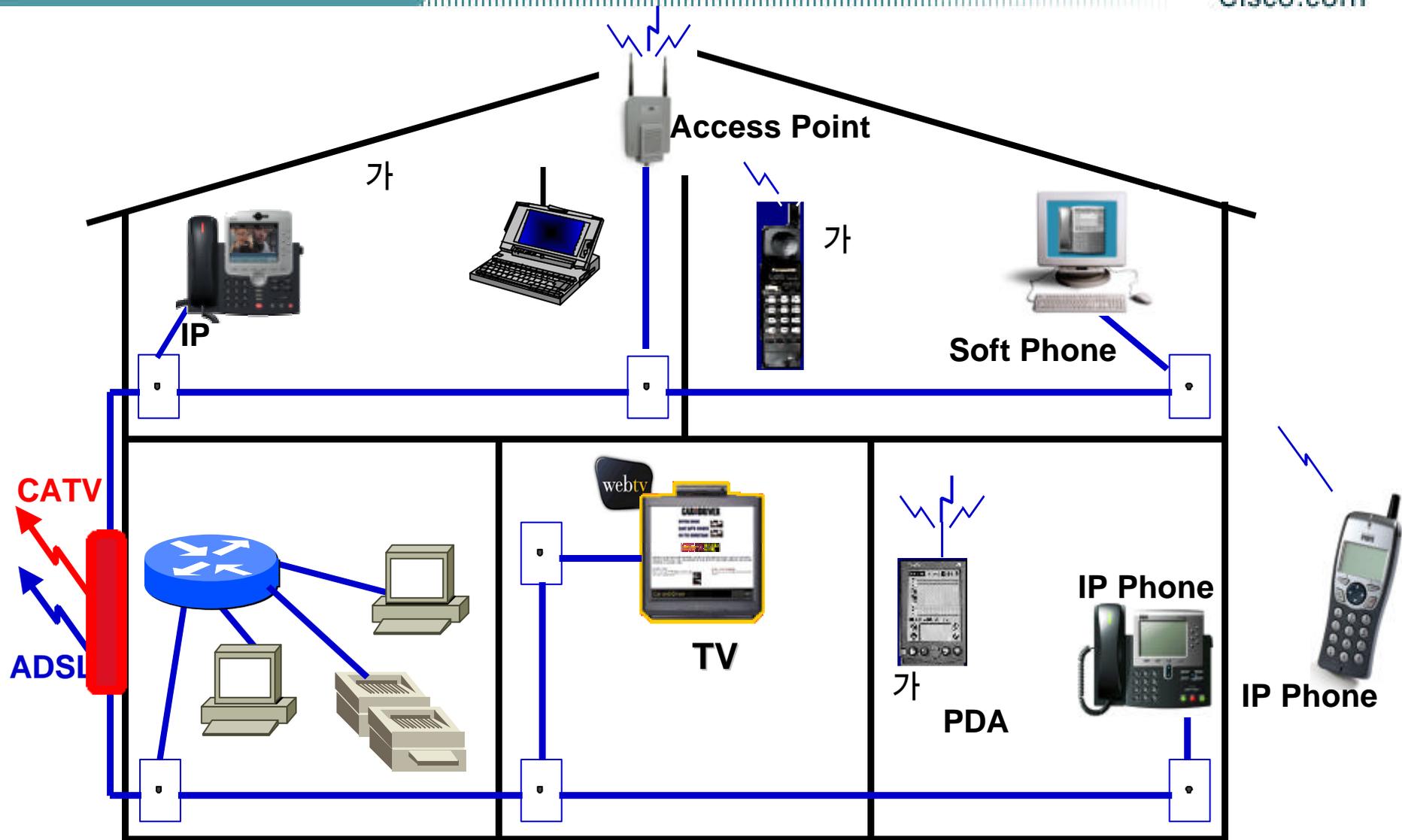


Home Networking

Cisco.com

- - 1.Home PNA : 1Mbps, 10Mbps
 - 2.Ethernet : 10Mbps
 - 3.Wireless
 - 4.IEEE 1394(Firewire, iLink) : 가
 - 5.PLC(Power Line Communication) : 10~25Mbps
- Wireless
 - 1.BlueTooth : 1Mbps, 100m , 2.4GHz
 - 2.Home RF : Intel-Motorola ,
2Mbps, Frequency Hoping
 - 3.Wireless LAN
 - : 802.11B(Wi-Fi) : 11Mbps + 802.1x()
 - : 802.11g, 802.11a : 54Mbps

Home Networking



!

IP

가

\$8B

Enterprise PBX Market

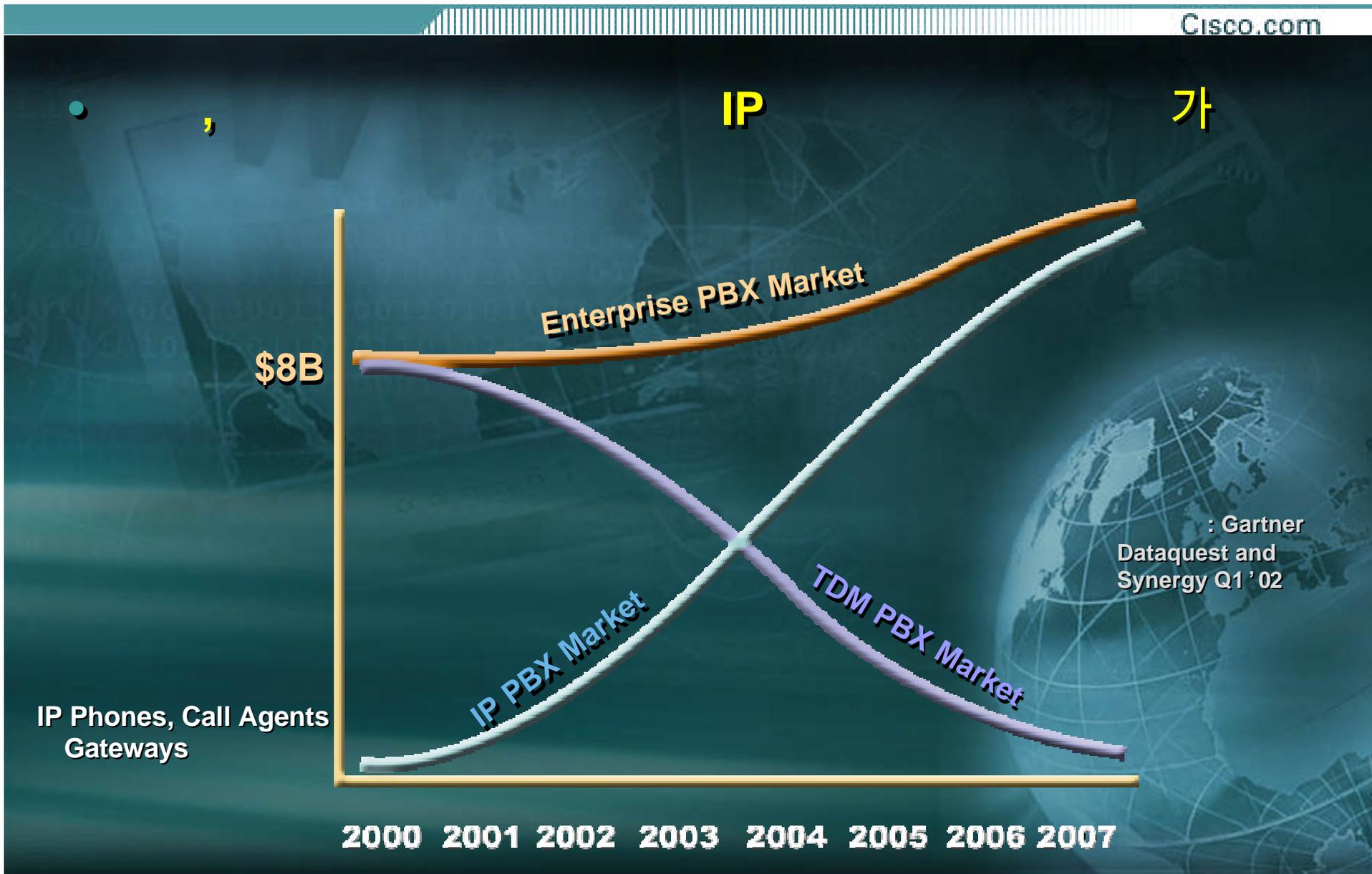
IP PBX Market

TDM PBX Market

: Gartner
Dataquest and
Synergy Q1 '02

IP Phones, Call Agents
Gateways

2000 2001 2002 2003 2004 2005 2006 2007



Cisco IP Telephony

- IP Telephony = Router Telephony

1) Vision

: IP Telephony

2) End to End IP

: , ...

3)

: QoS, Policy, SRST, etc....

4)

: IP Telephony + IT Infra(VPN)

IP

!

Cisco.com



.....

.....

Larry Carter, Senior Vice President, Cisco

=

CISCO SYSTEMS



EMPOWERING THE
INTERNET GENERATION