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Network Trends & Cisco Solution for Construction Industry

Aug/19/2003

/kyoo@cisco.com

Advanced Technology Sales Team



Agenda

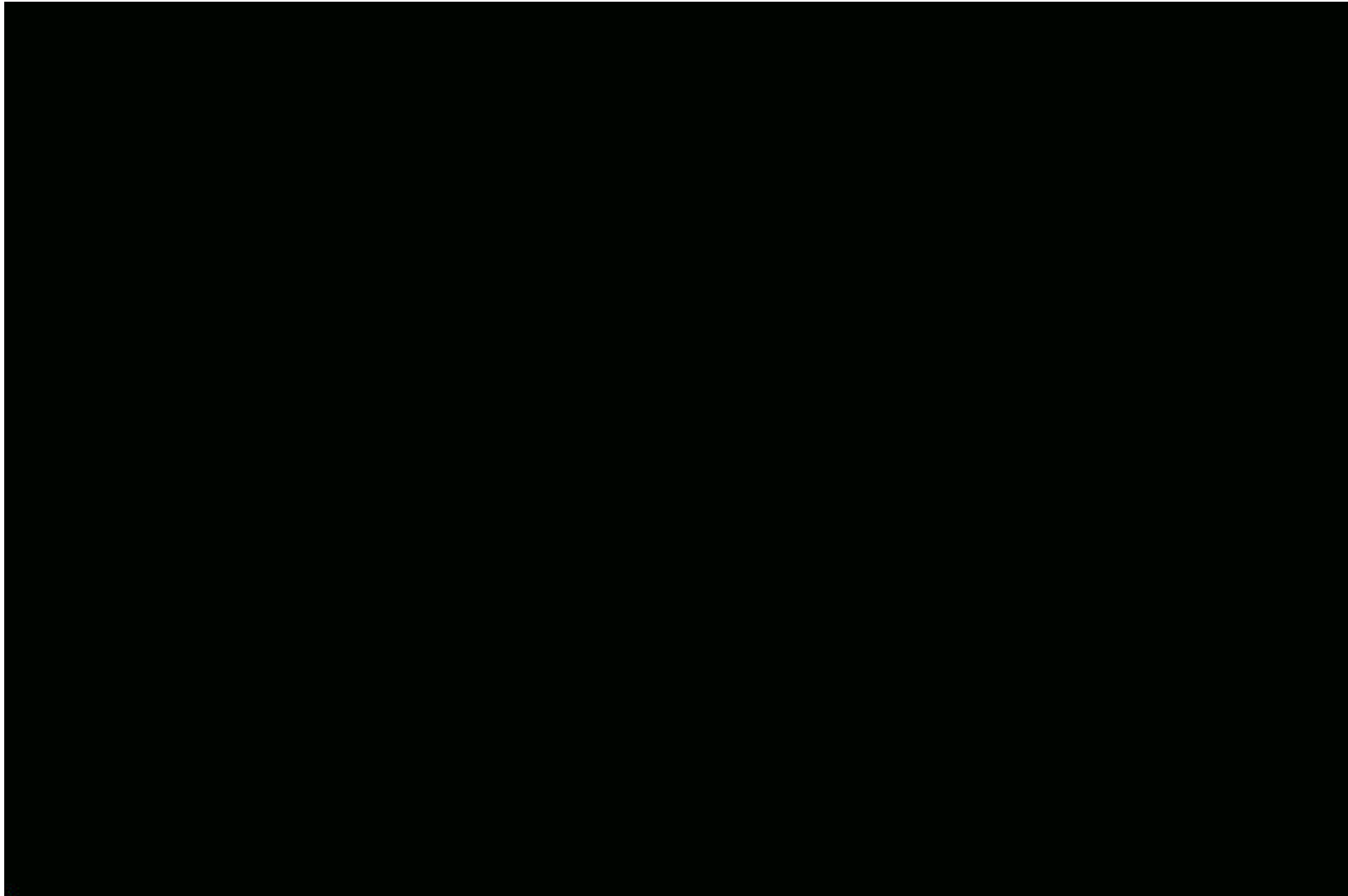
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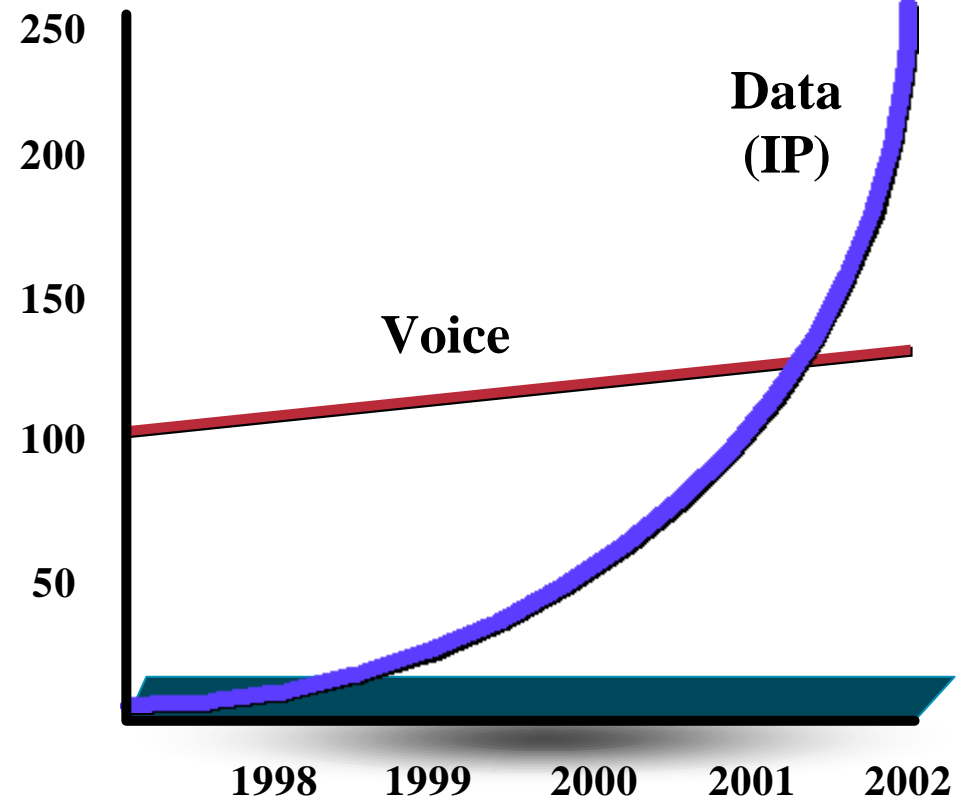
Cisco IP Telephony

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: IP

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IP

IP

가

All IP

(NGN)

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

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IT·과학

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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 발전해 왔다. 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.

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

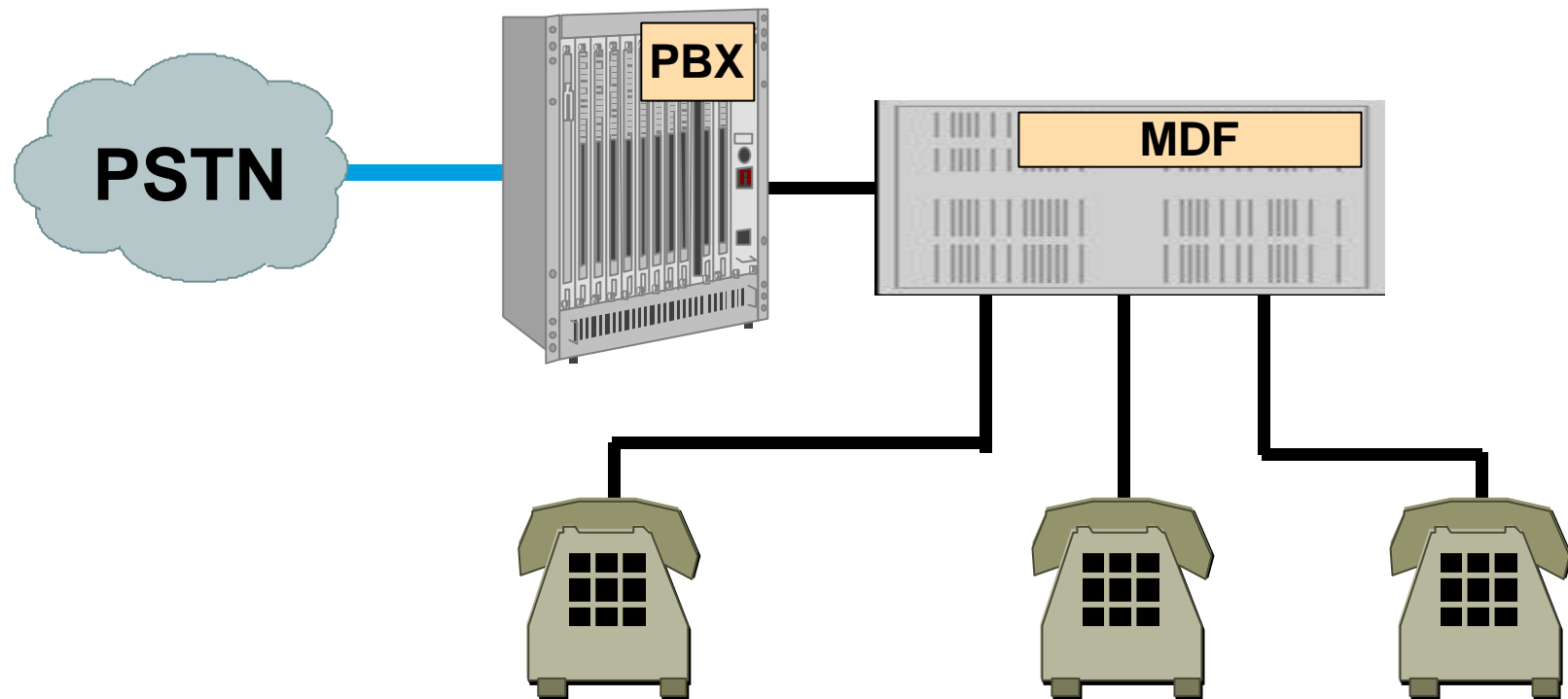
사회
국제
문화
스포츠
지역

LOTTO

Internet

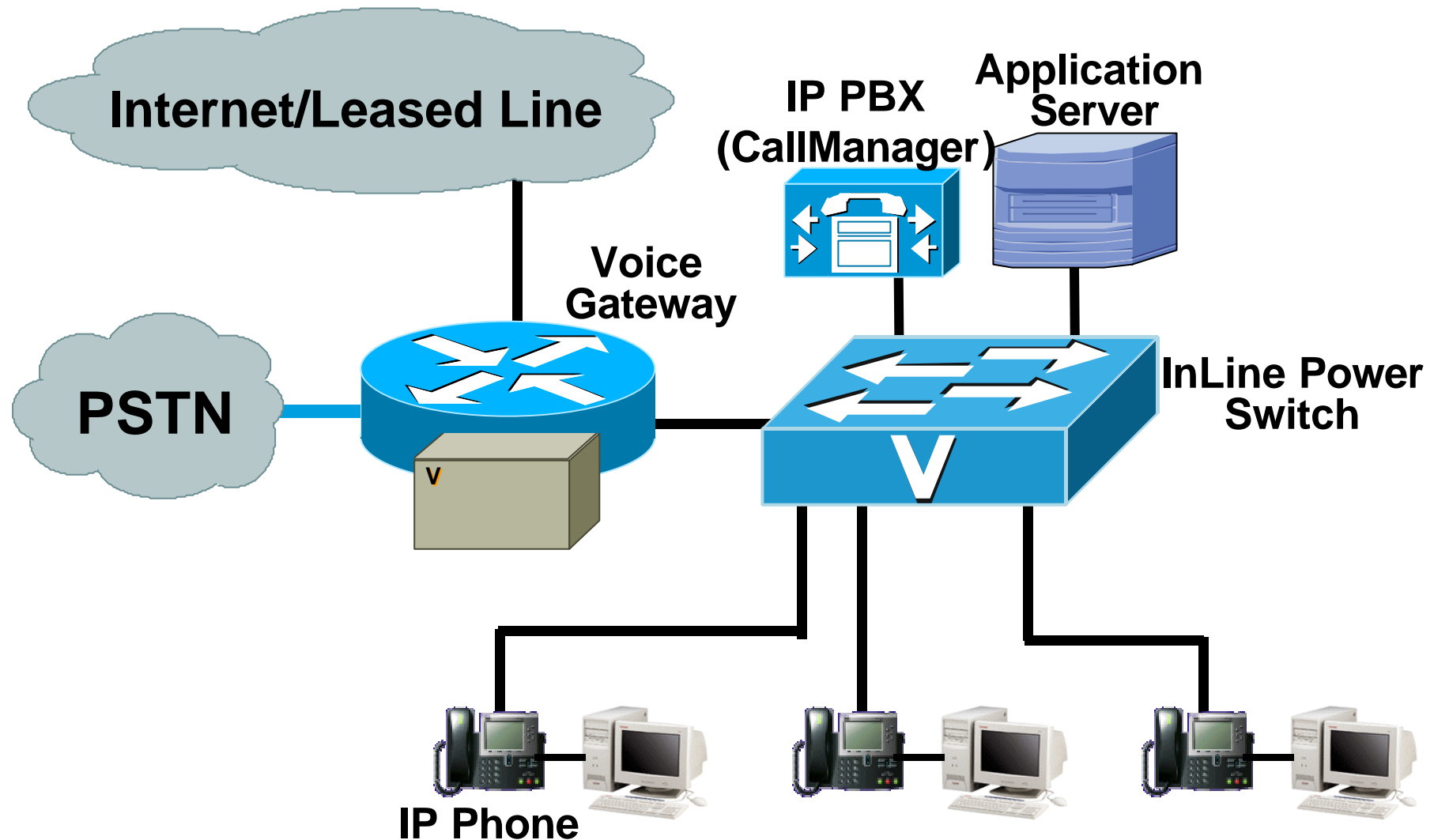
Analog PBX

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IP Telephony

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Agenda

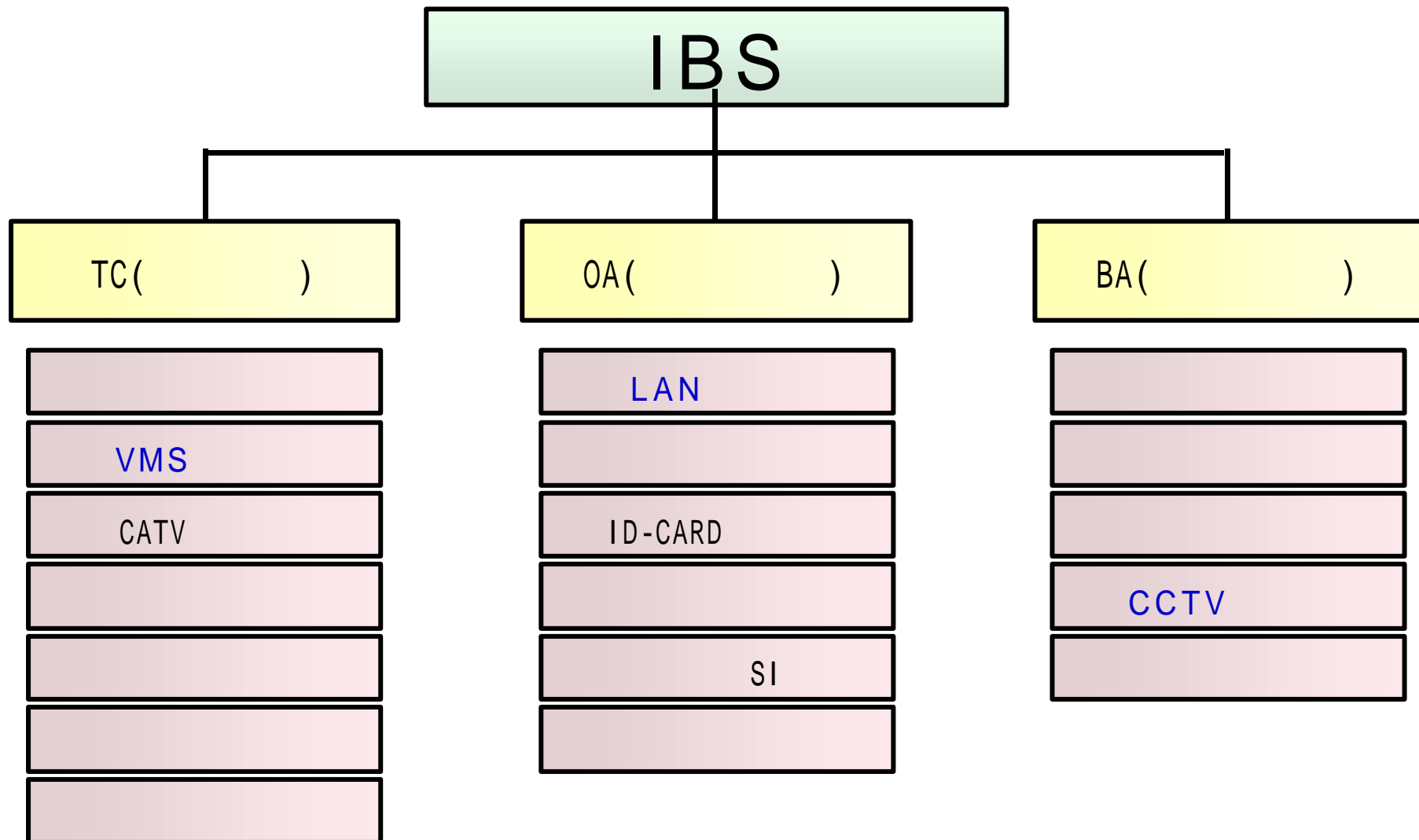
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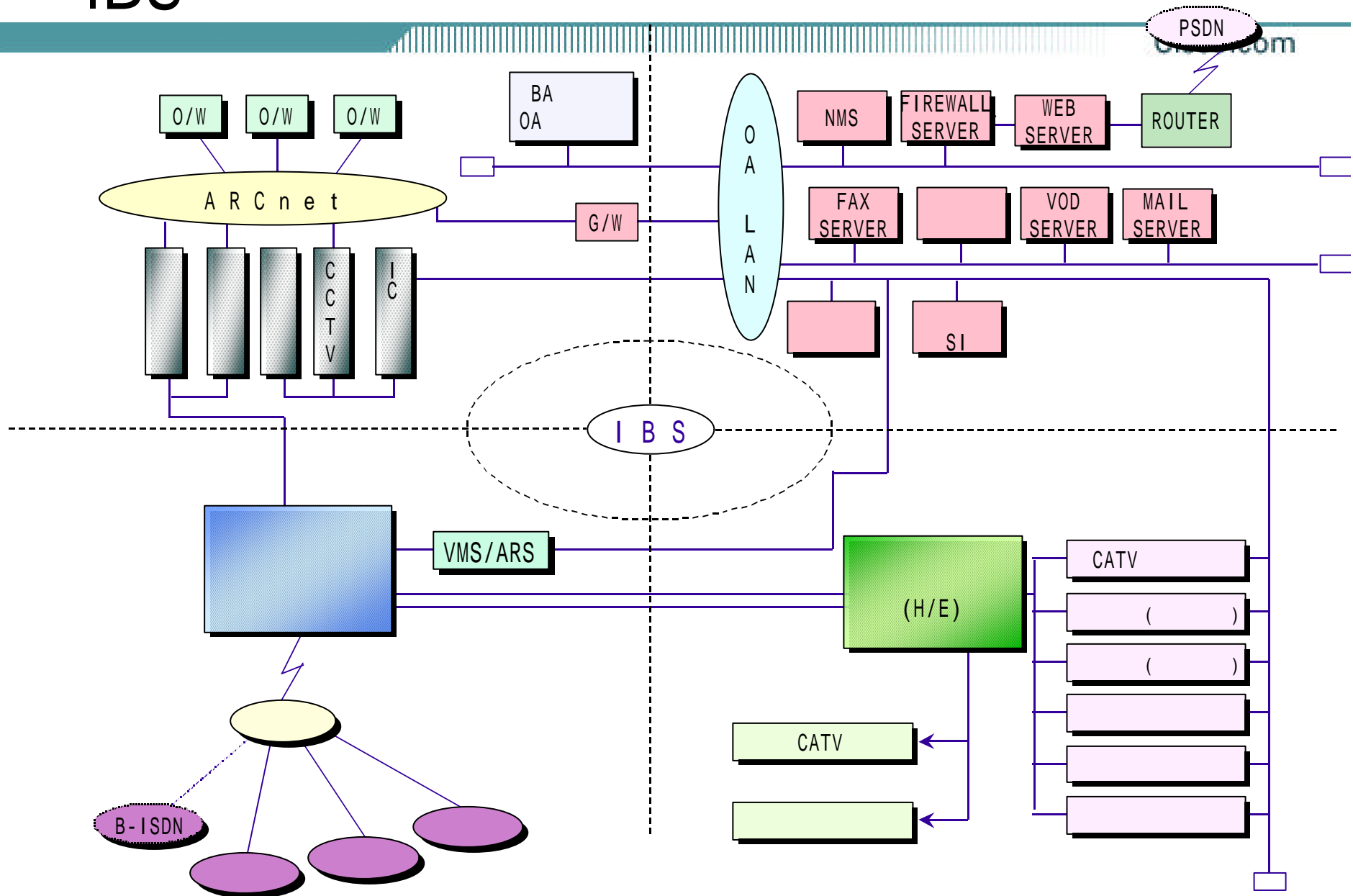
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1. Intelligent Building System

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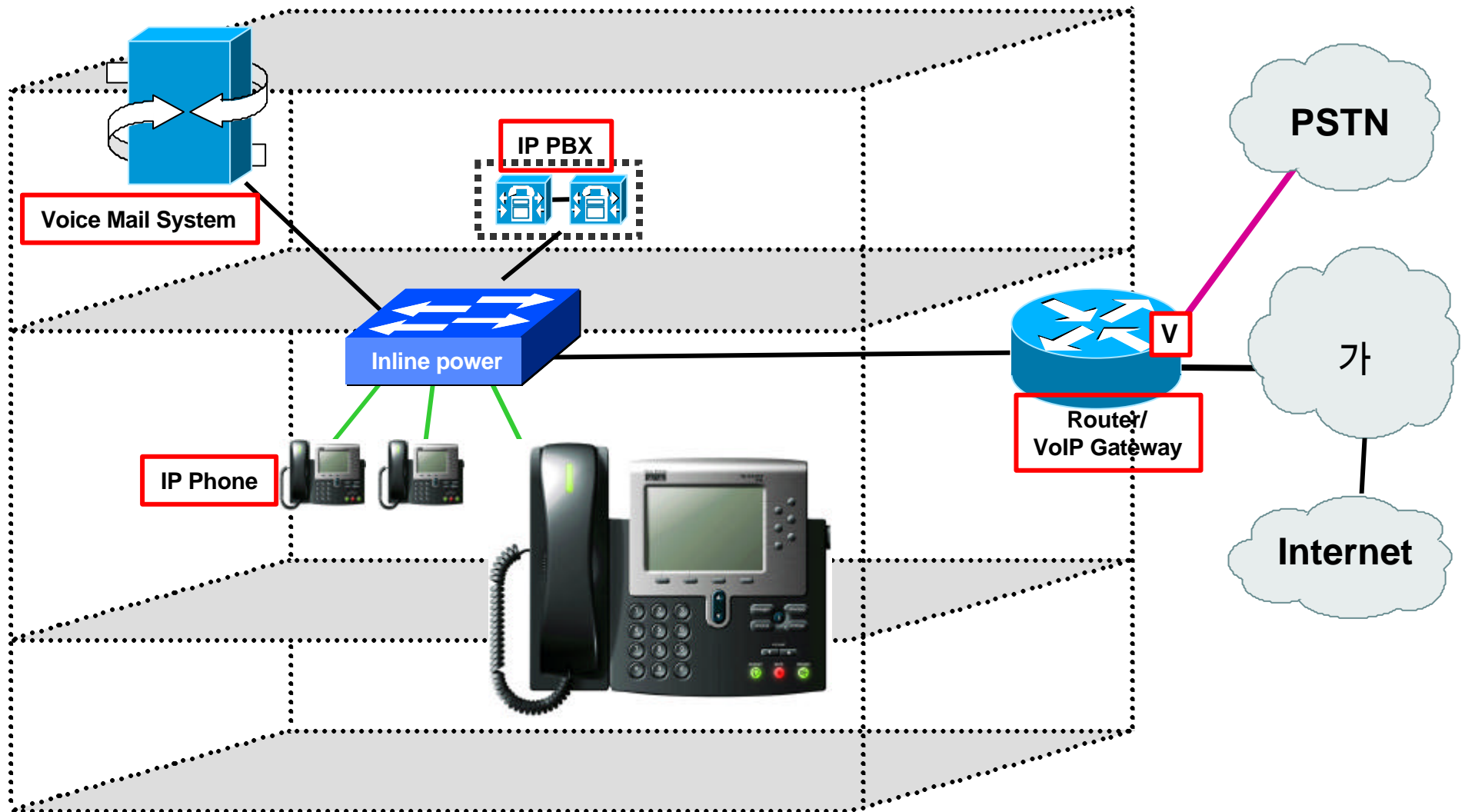


IBS



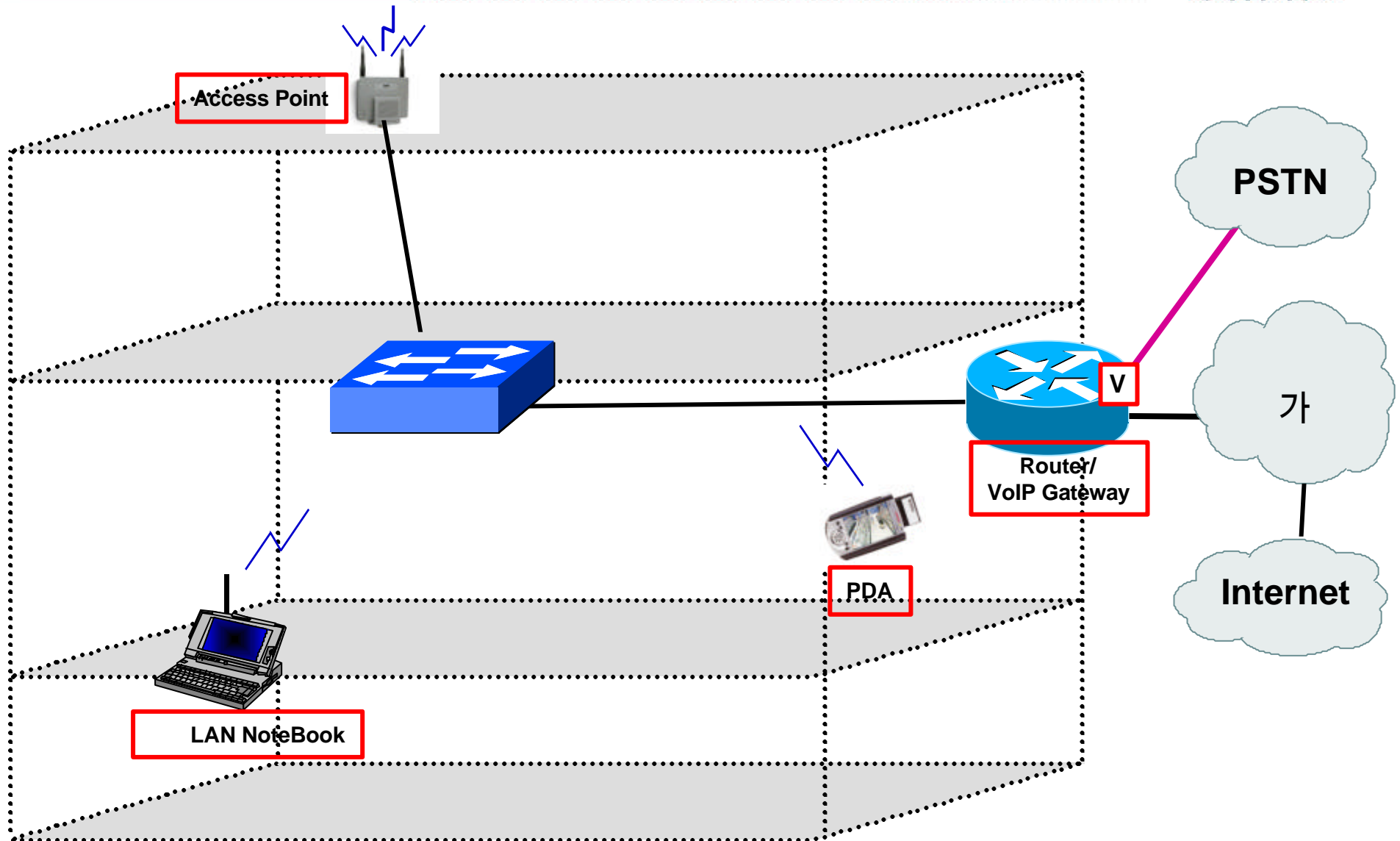
IBS – & VMS

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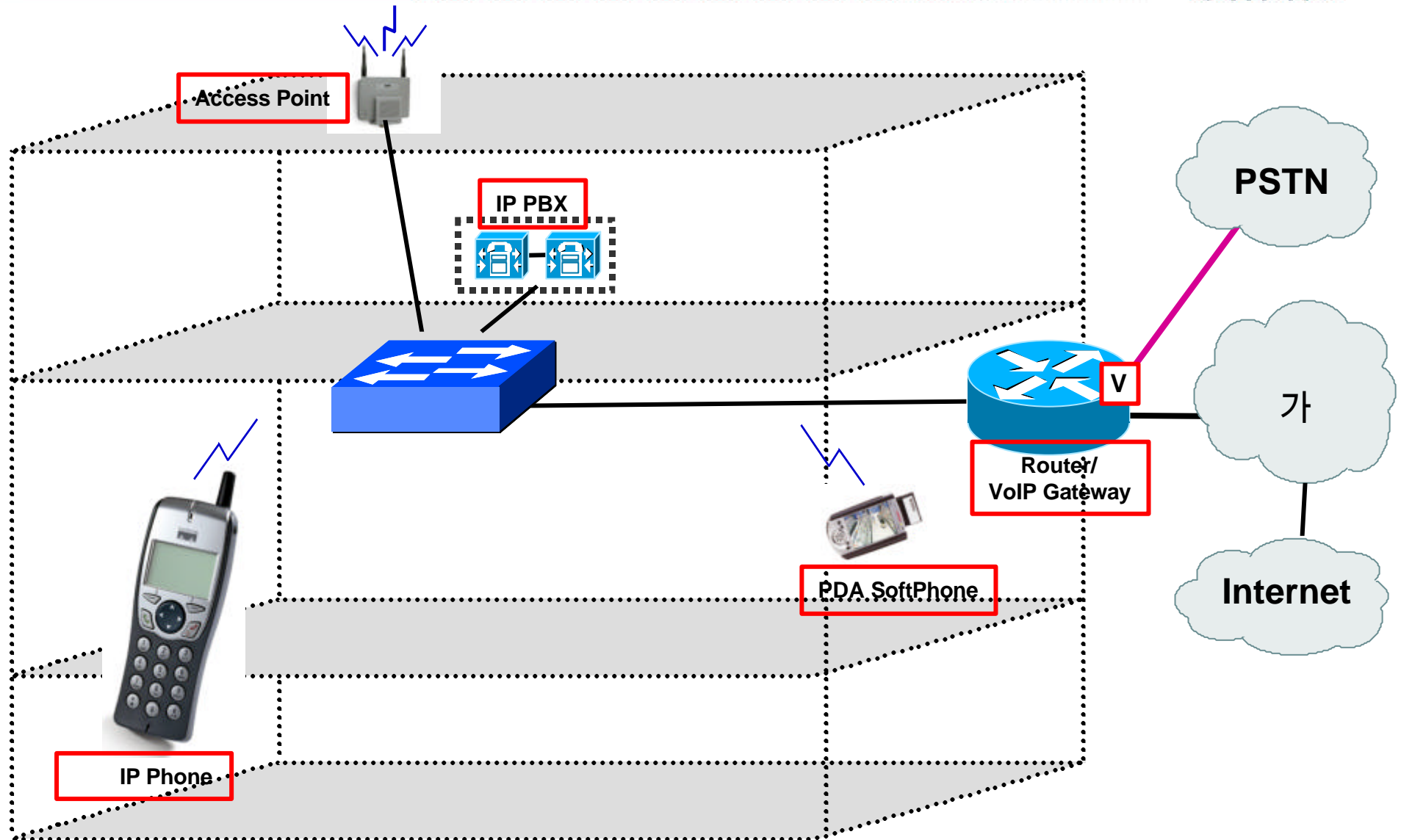
IBS – LAN

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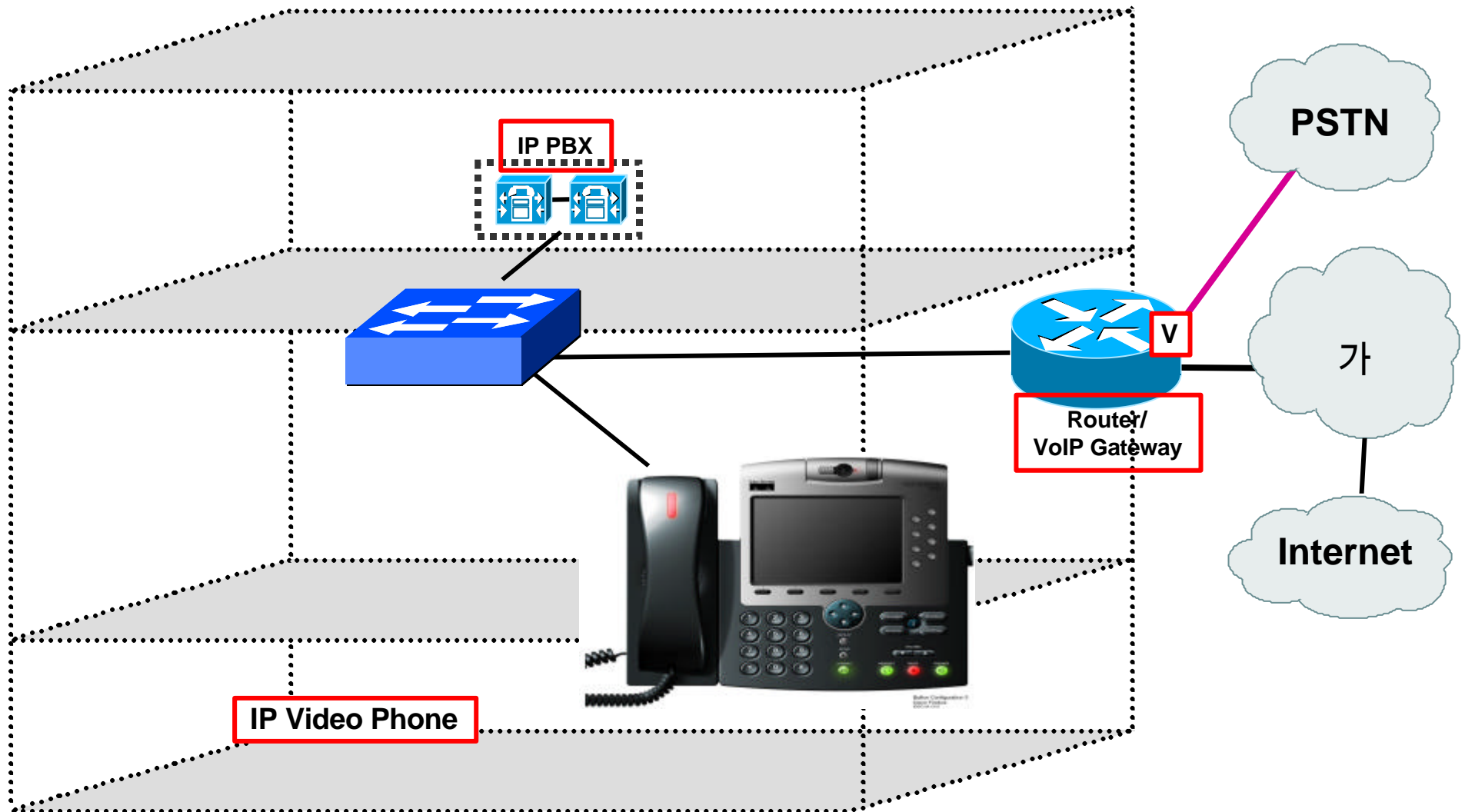
IBS – IP Phone

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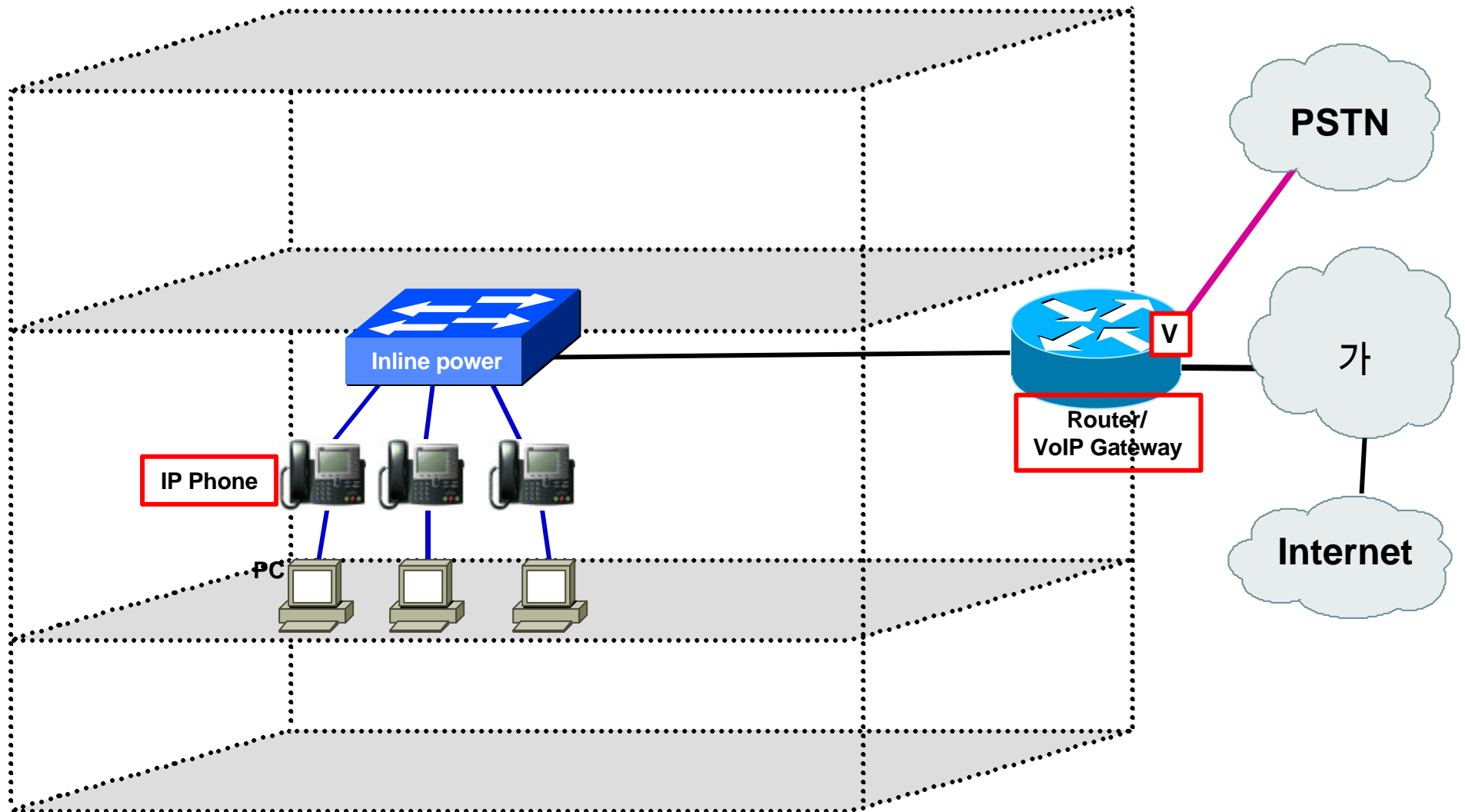
IBS –

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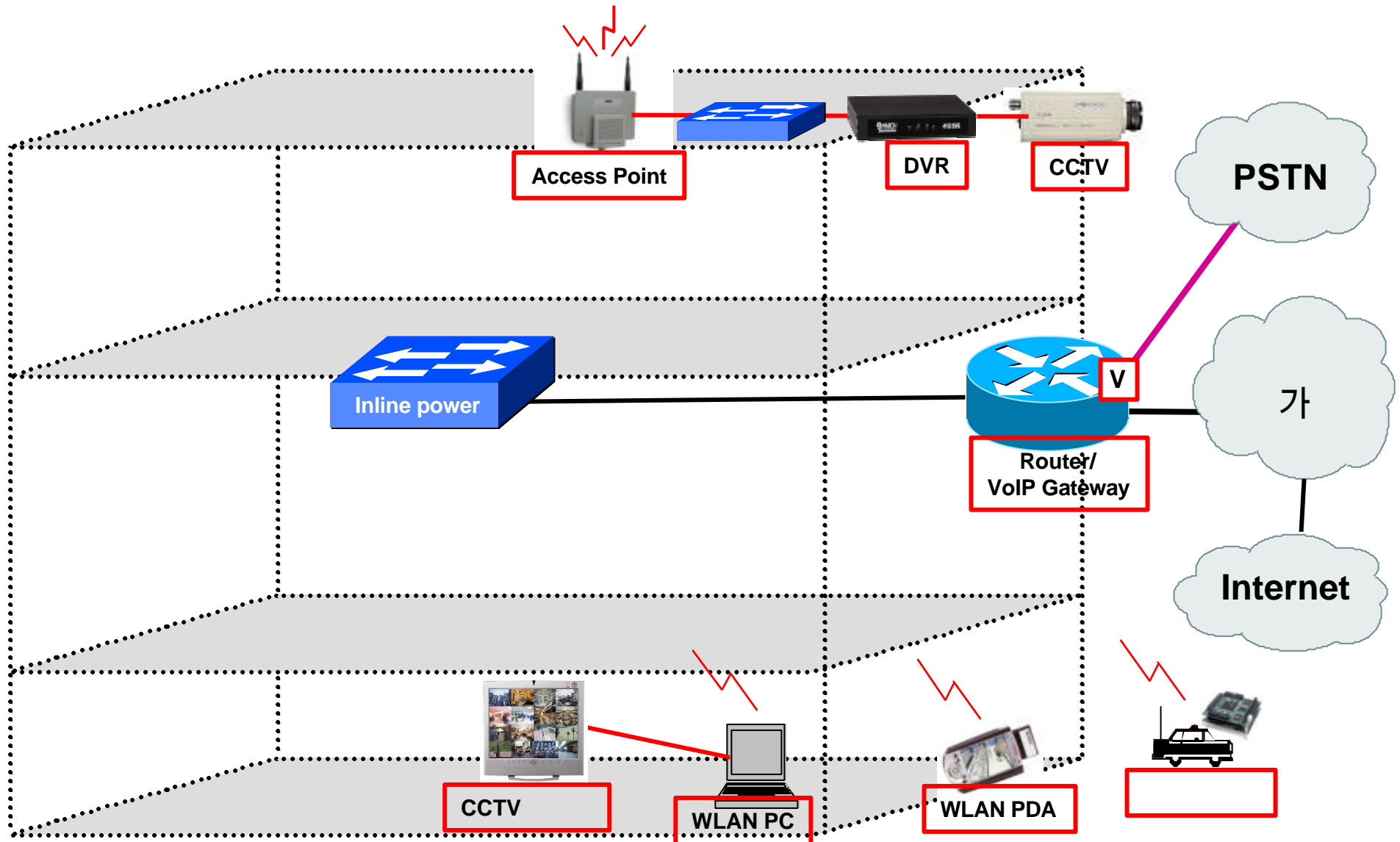
IBS –

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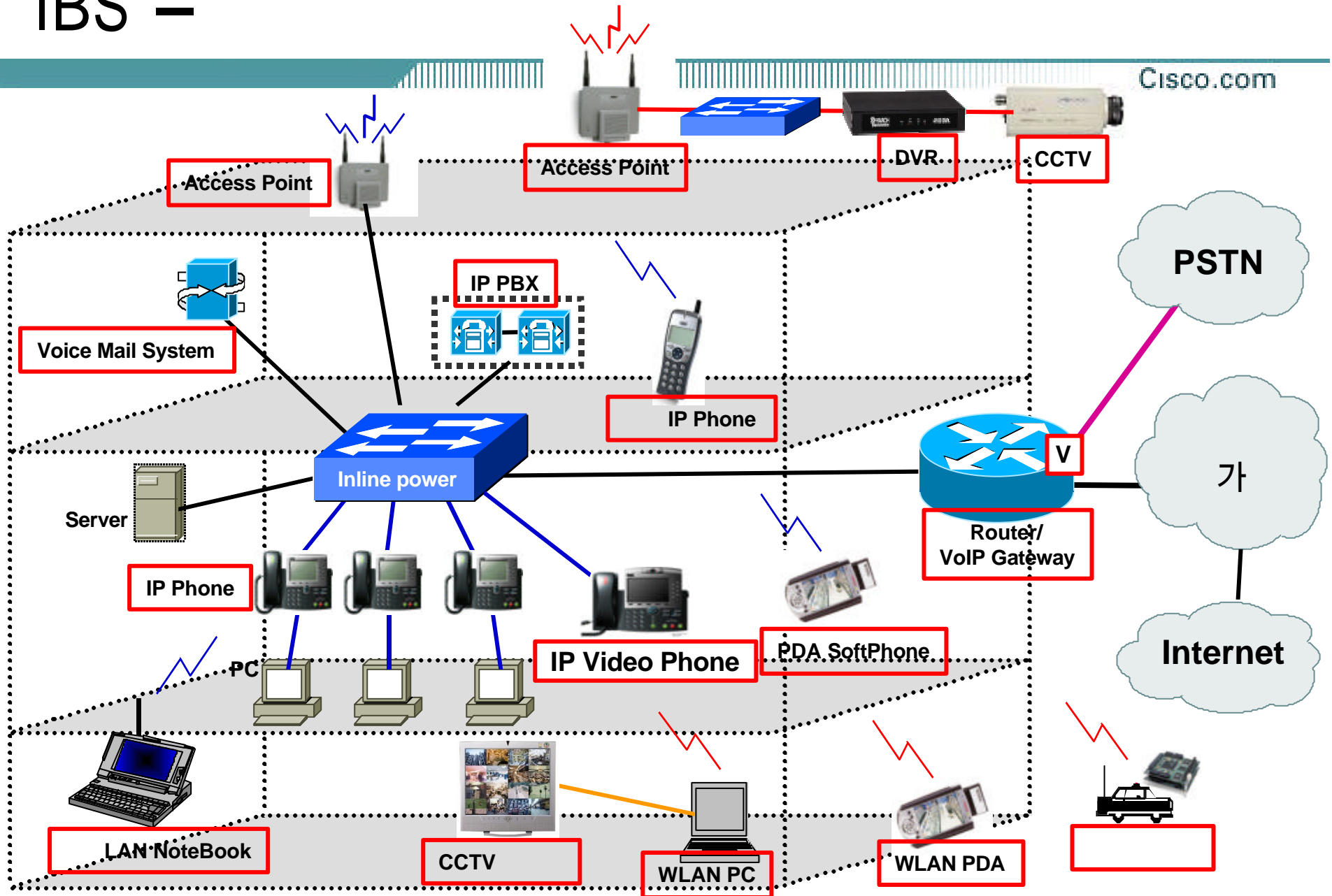
IBS – CCTV

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IBS -

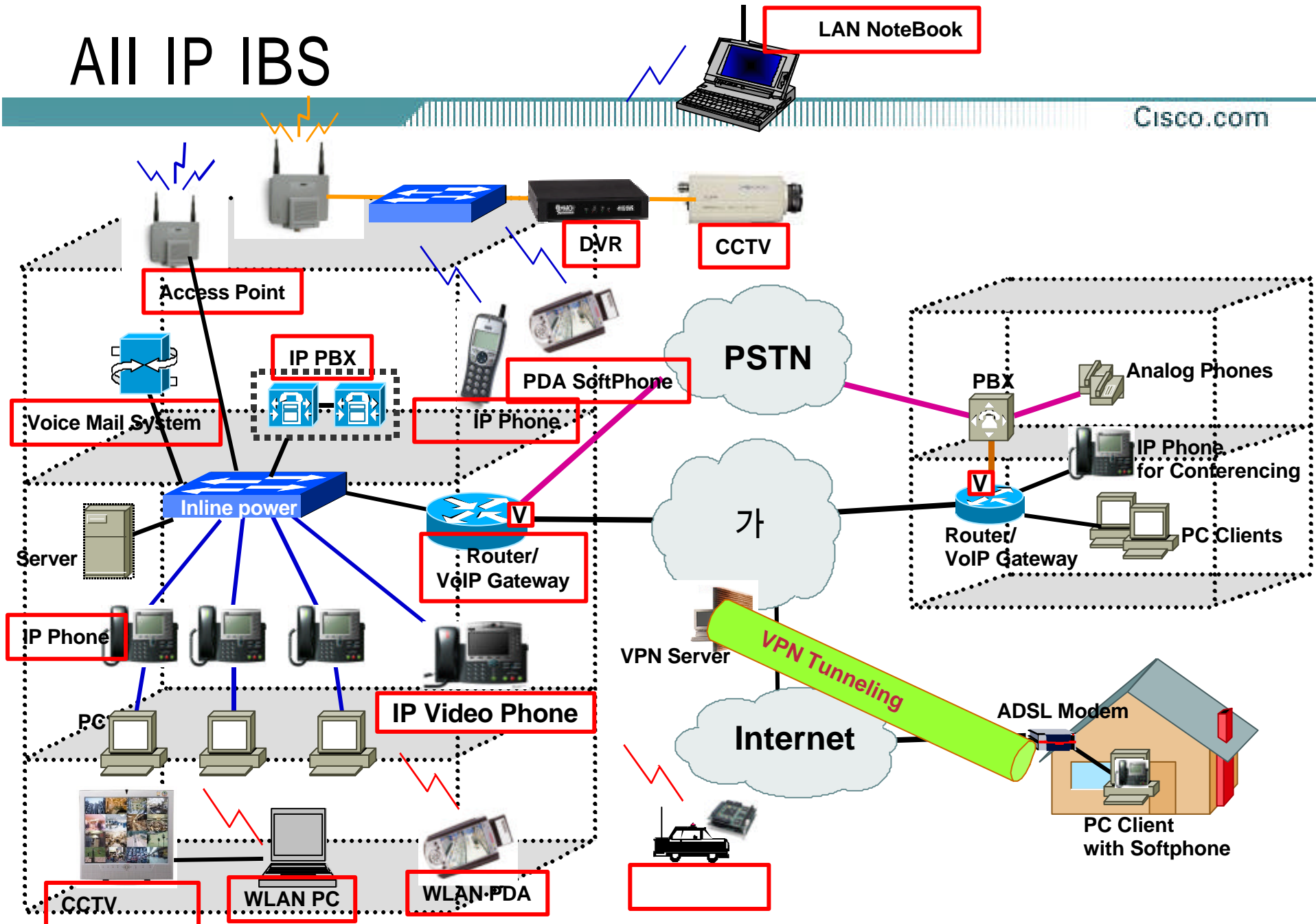
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All IP IBS

LAN NoteBook

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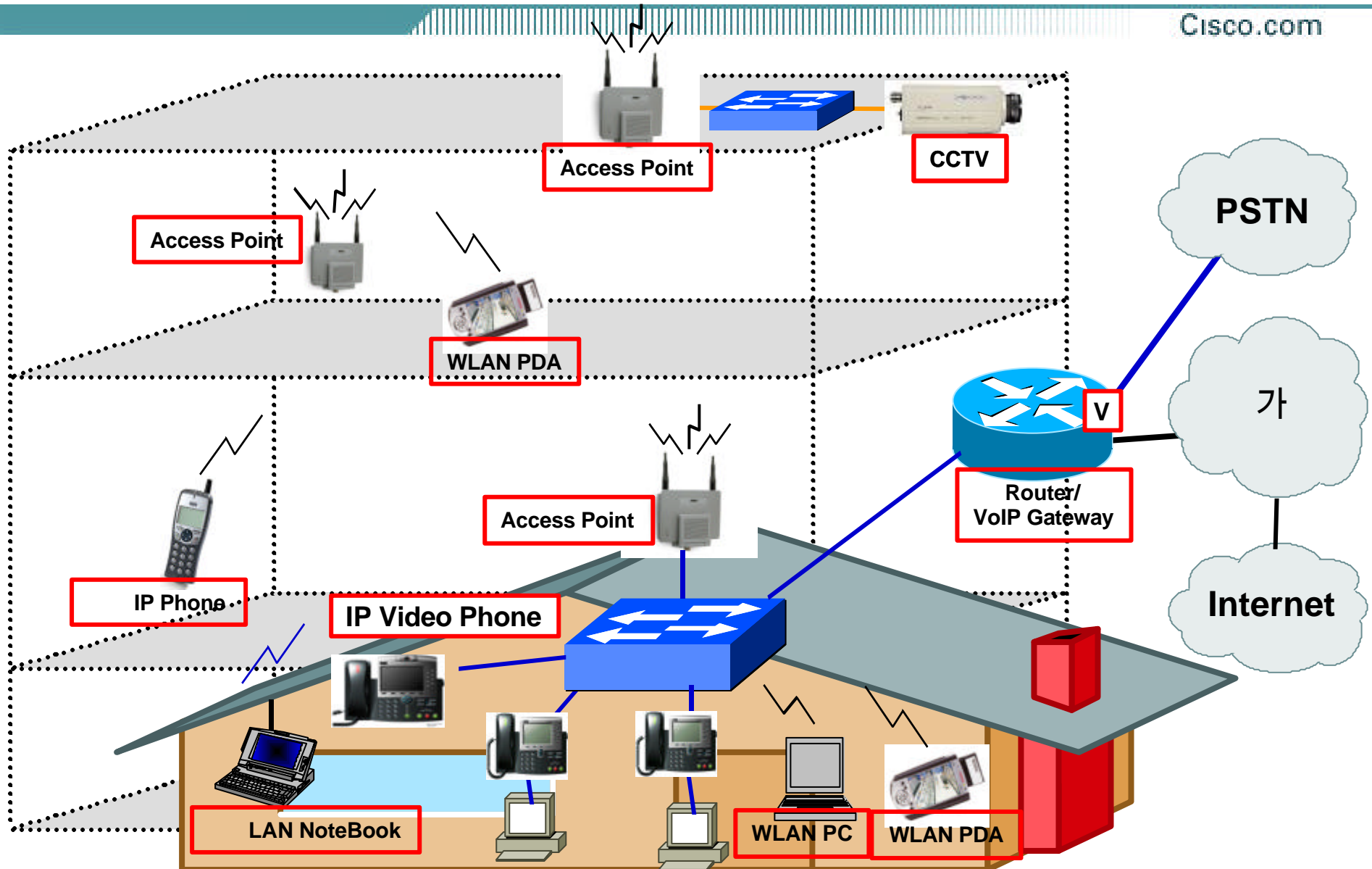


2.

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

2.

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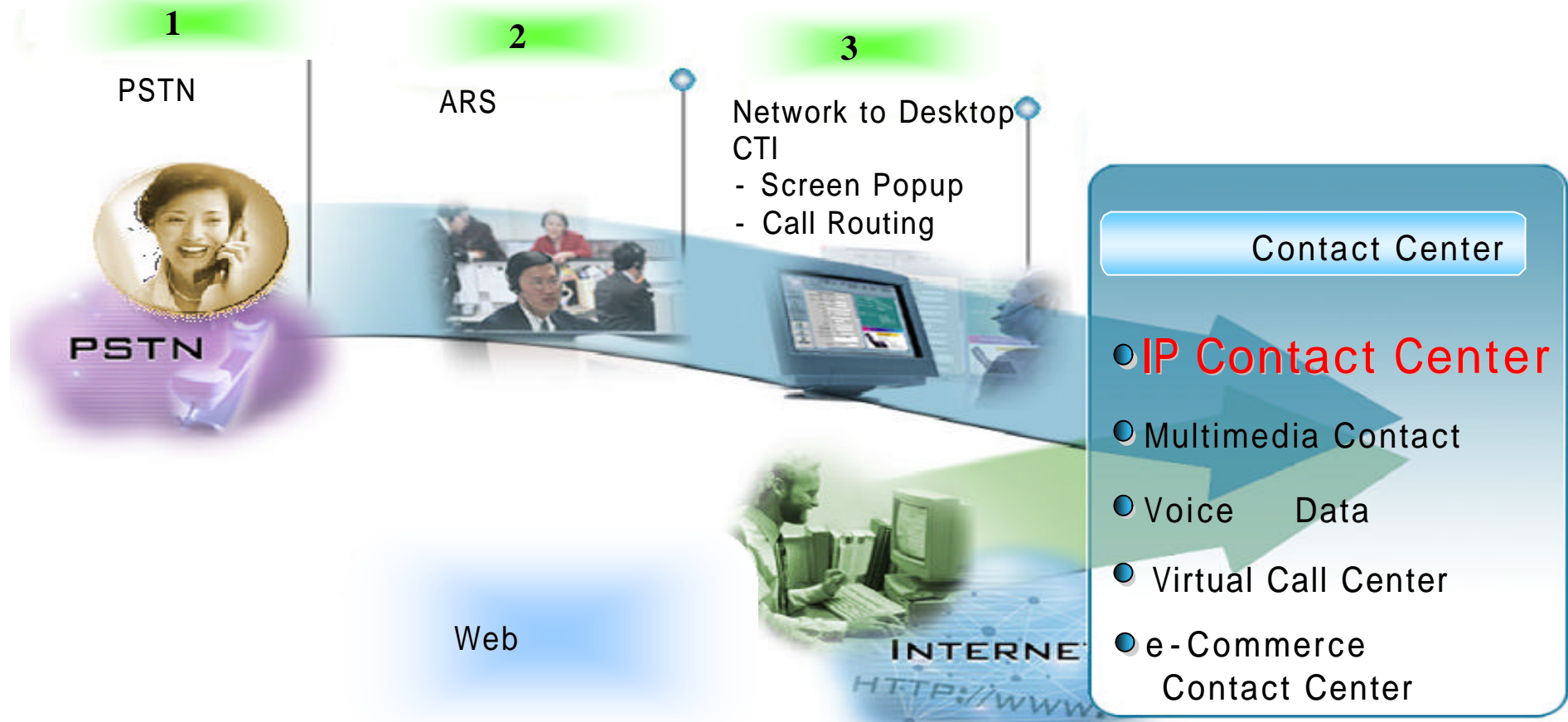


3.

• PBX	PBX	IPCC
•	PBX	IPCC

<ul style="list-style-type: none">• I&S-- IPCC

■ Customer Call Center



Cisco IPCC

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

- **Cisco IP Telephony**

Cisco VoIP/LAN Telephony

: QoS & 99.999% uptime

VoIP 가

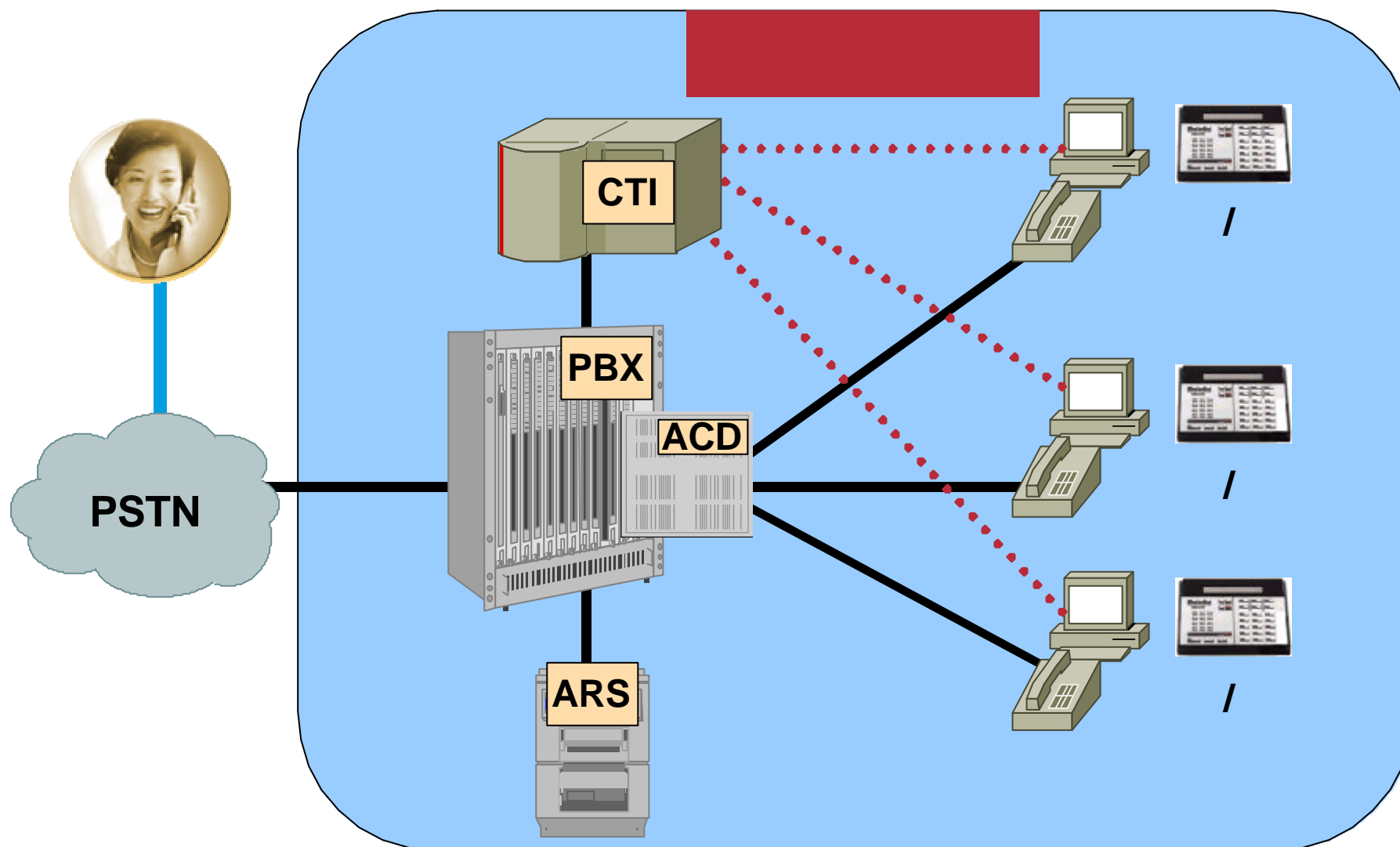
- **Cisco Contact Center SW(ICM)**

ICM Software (Intelligent Contact Management)

Carrier-class

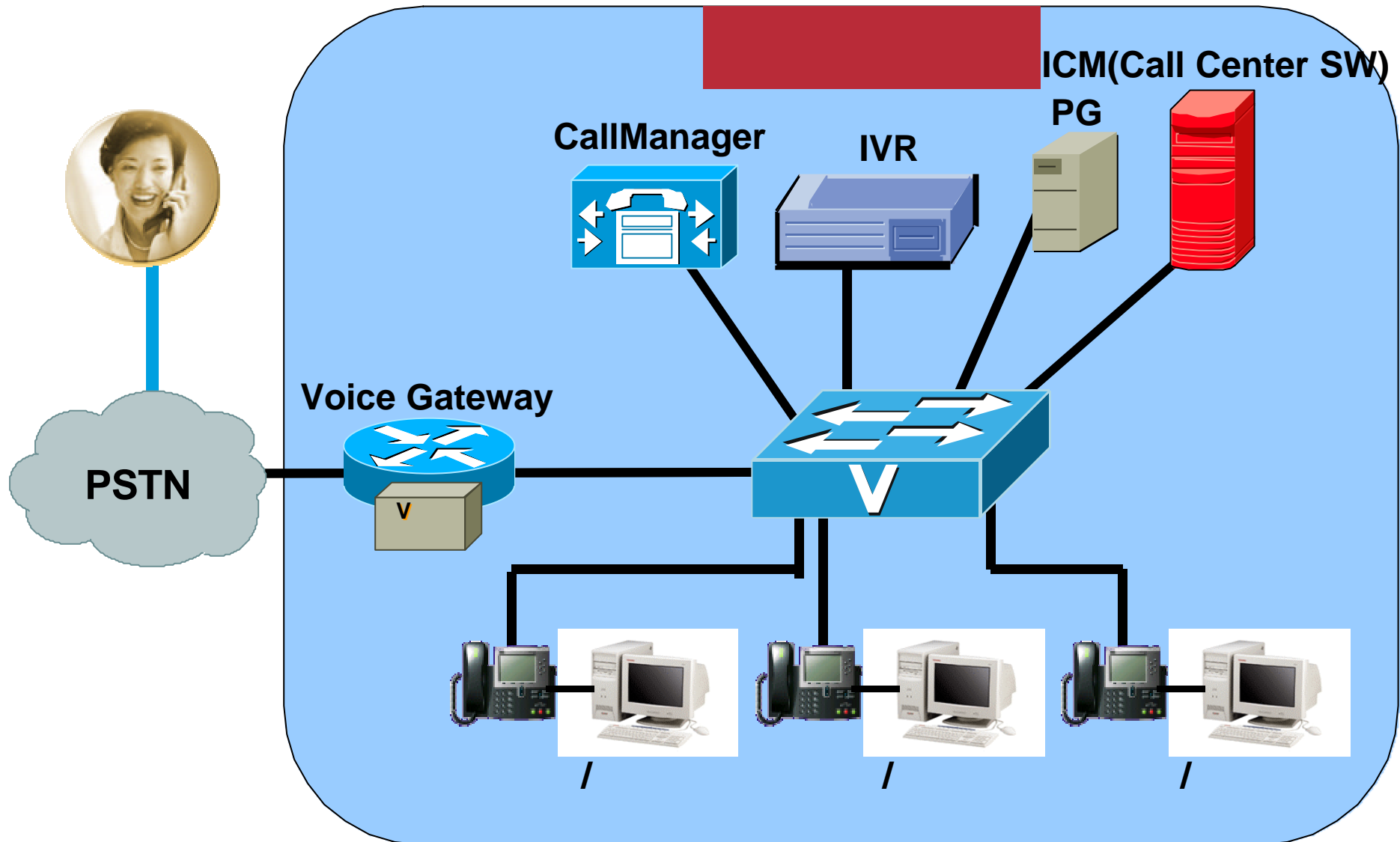
, ,

contact center



IPCC

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Cisco IPCC

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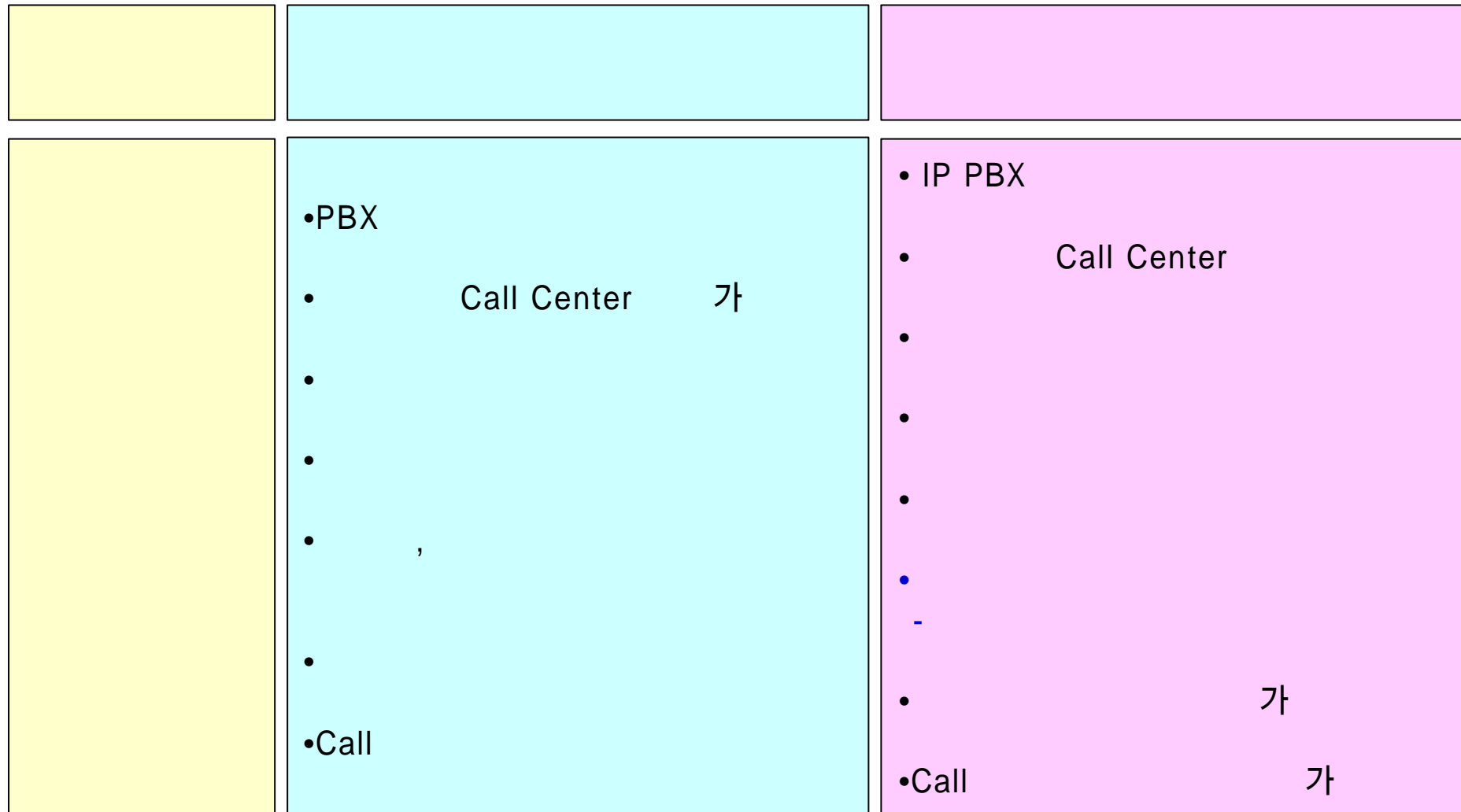
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가 ”

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

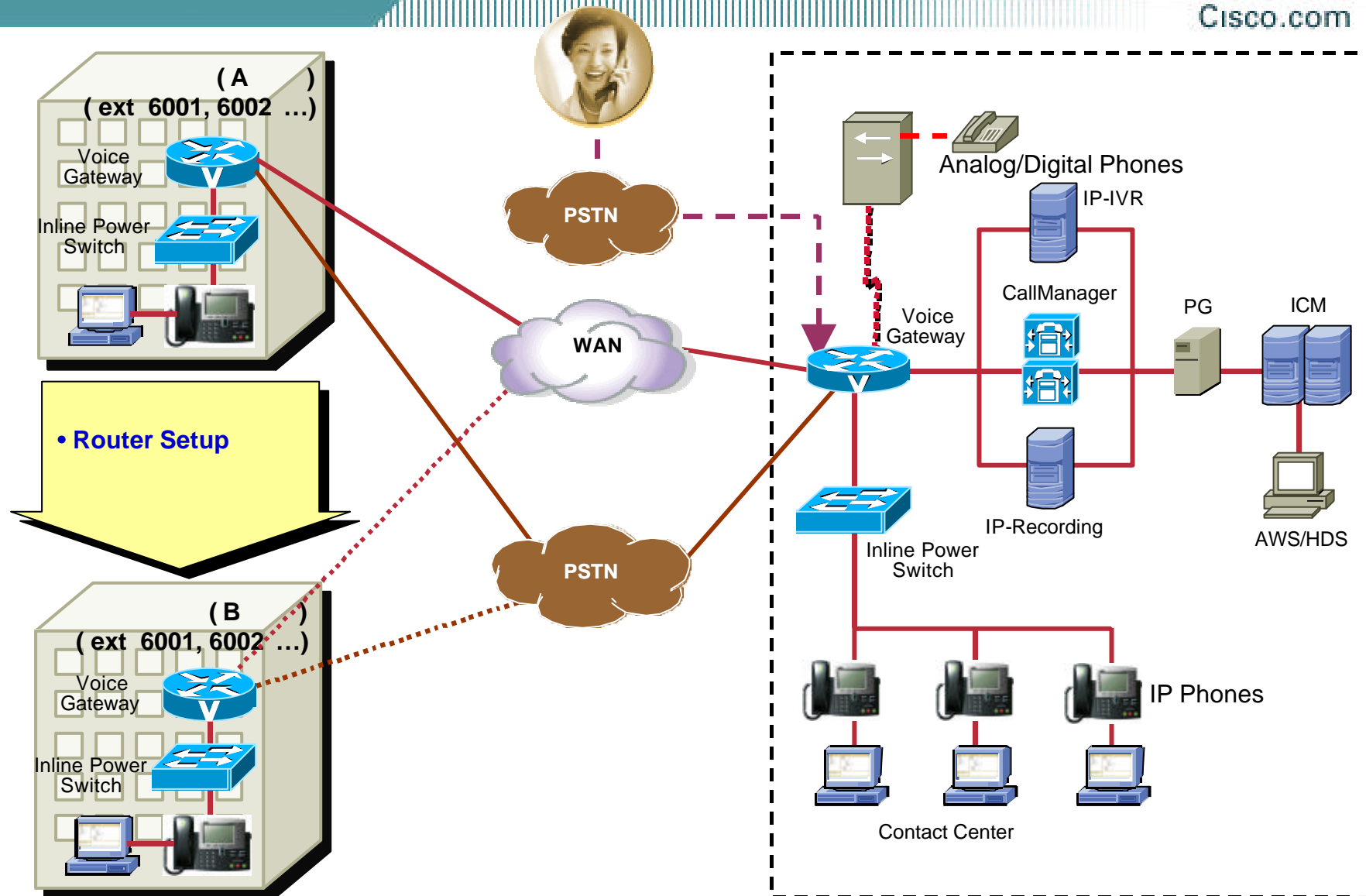
Call Center

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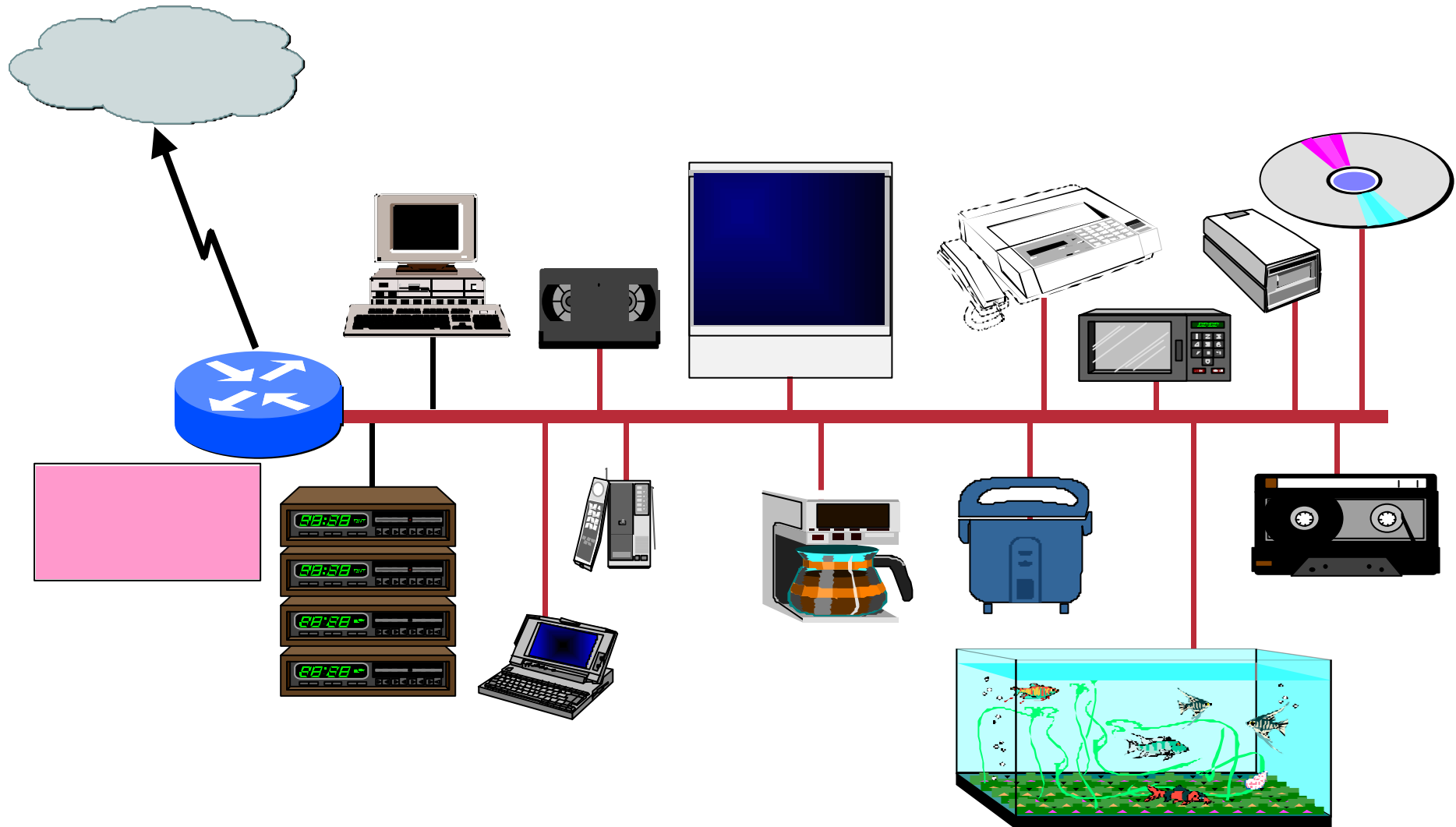
IPCC

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4. Home Networking

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Home Networking

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- 1.Home PNA : 1Mbps, 10Mbps
- 2.Ethernet : 10Mbps
- 3.Wireless
- 4.IEEE 1394(Firewire, iLink) : 가
- 5.PLC(Power Line Communication) : 10~25Mbps

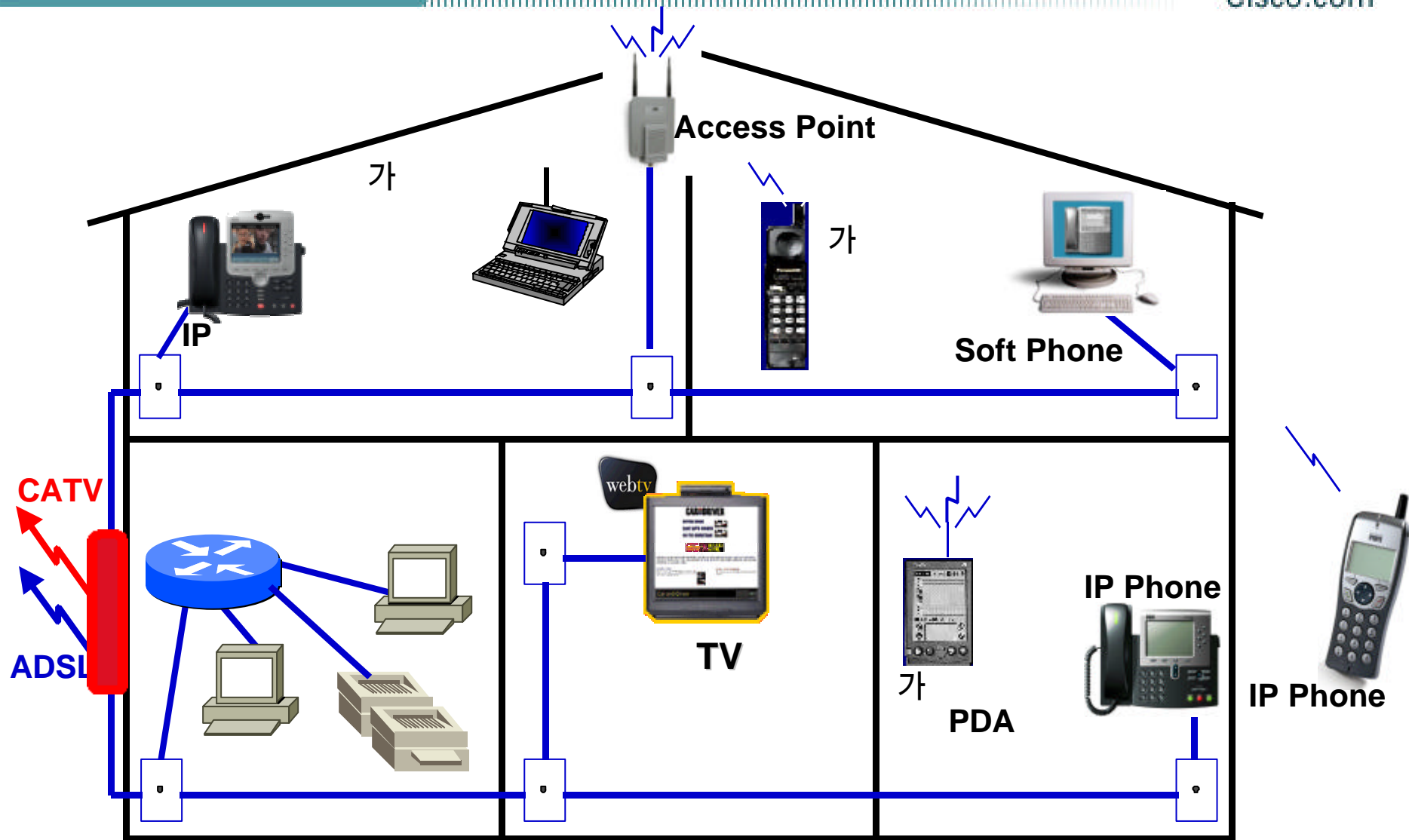
•Wireless

- 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

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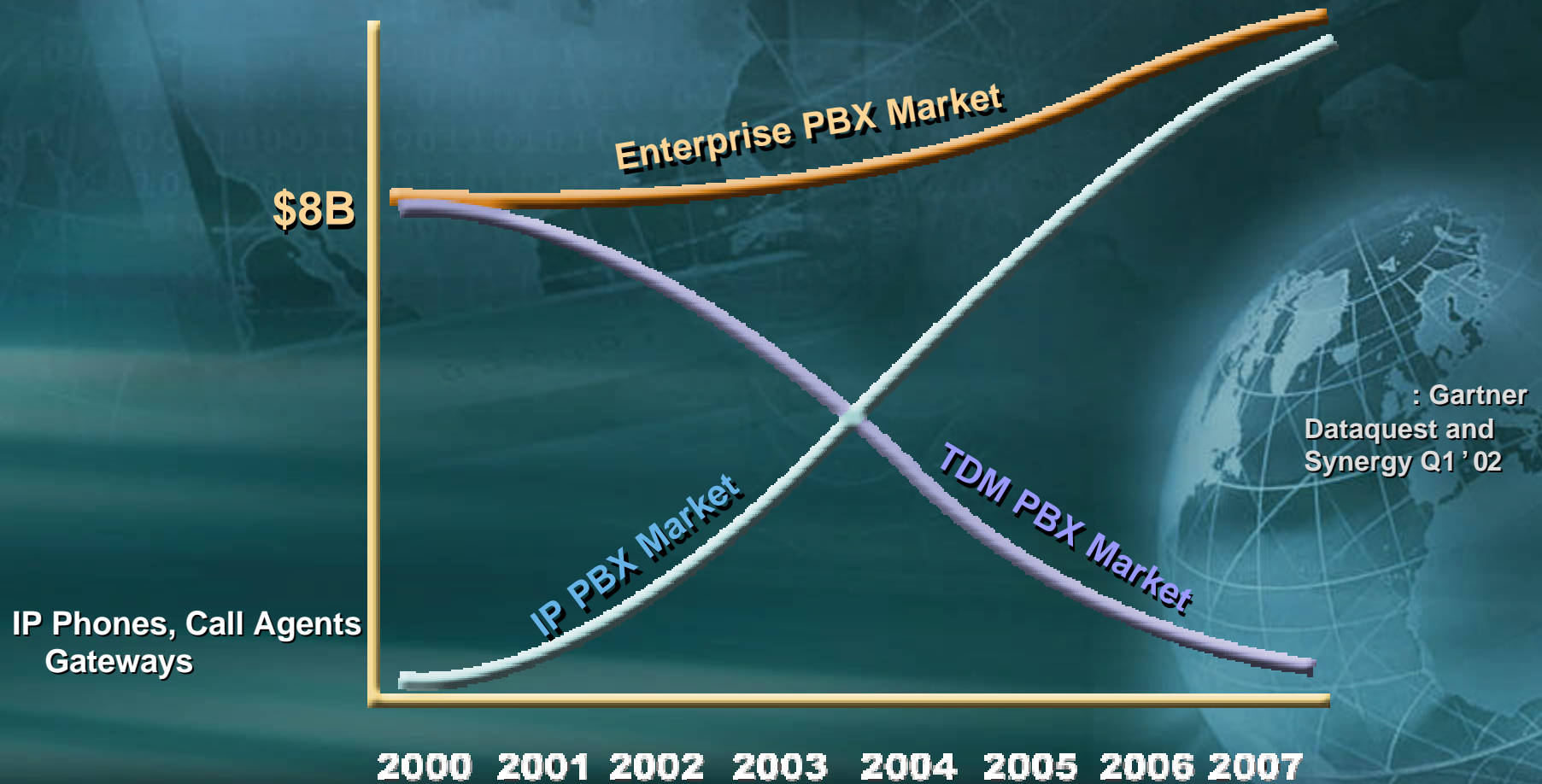


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IP

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Cisco IP Telephony

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- 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

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Larry Carter, Senior Vice President, Cisco

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CISCO SYSTEMS



EMPOWERING THE
INTERNET GENERATION