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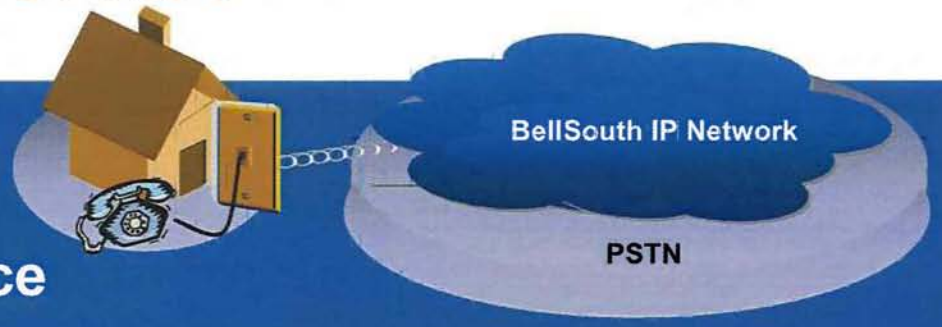
BellSouth VoIP Service

October 28, 2004

>> BellSouth VoIP Service



Voice over Internet Protocol (VoIP) is an IP-Enabled Service

- IP-enabled services should include both services and applications that rely on the Internet Protocol (IP) family

  These services can include both information services and telecommunications services

- The term IP-enabled should be defined so as to include any voice, data, video, or other form of communication service provided by any type of communications provider (including telephone companies, cable companies, wireless providers, satellite companies, power line companies, ISPs, or any other type of entity) whereby some part of such service is originated or terminated by the customer in the Internet protocol and transported over an IP platform

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VoIP Services = Information Services

"if the user can receive nothing more than pure transmission, the service is a telecommunication service. If the user can receive enhanced functionality, such as manipulation of information and interaction with stored data, the service is an information service." Report to Congress ¶ 59

VoIP Services

Traditional Voice Features

Caller ID
Speed Dial
Return Dial
Repeat Dial
Call Waiting
Call Completion
Call Forwarding
Three-Way Calling

Enhanced Features

Voice Mail
Click to Dial
Unified Messaging
Protocol Conversion
Enhanced Call Forwarding
Integrated Directory Service
Web-based Call Management
Web-Based Account Management

Title I

Information Service
Interstate

Remove:
Computer Inquiry / ONA Rules

Use Ancillary Authority to Address:
USF
CALEA
Numbering
Public Safety
Disability Obligations
Economically and Technically Feasible E-911 Requirements
Compensation for use of PSTN

Title II

Telecom Service
Interstate

Forbear Against:
Economic Regulation
(e.g., Rate Regulation, Separate Accounting Requirements)
Tariffing Requirements

Parity Platform For All Providers

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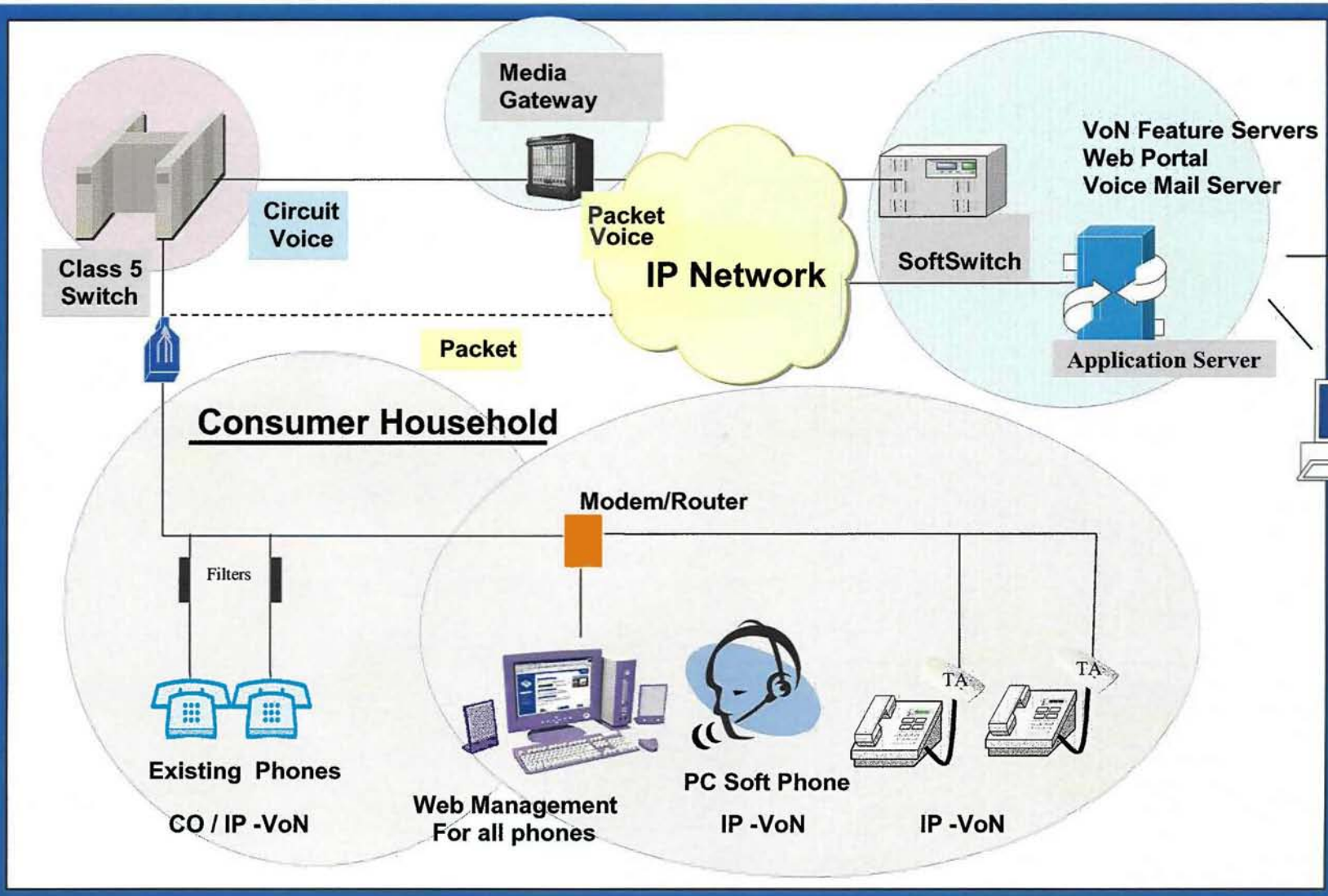
BellSouth VoIP Architecture



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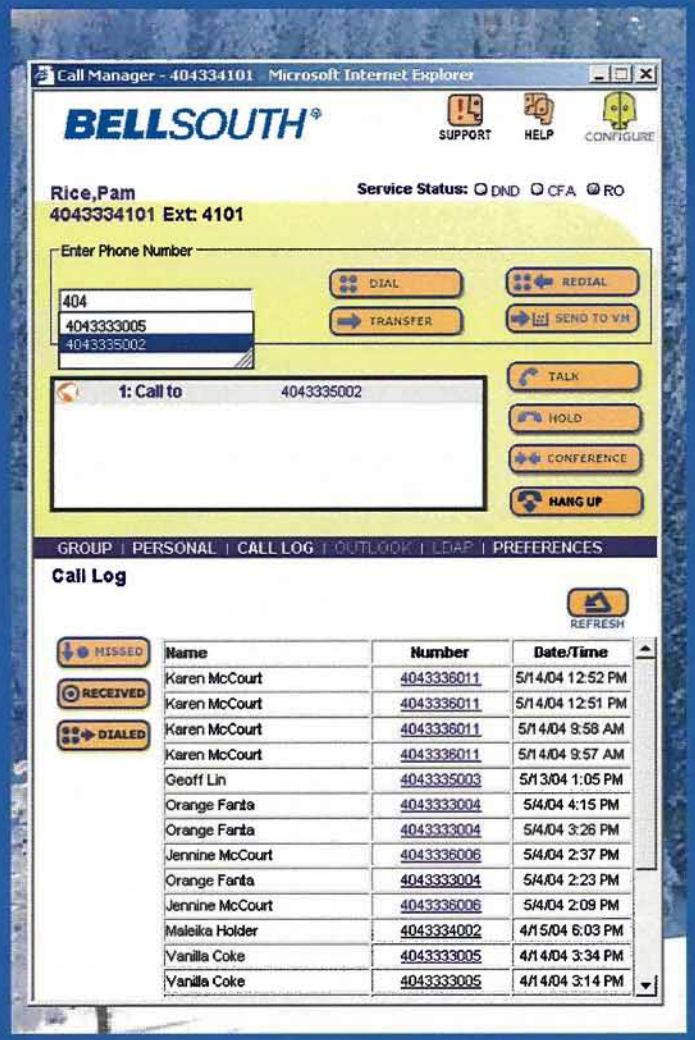
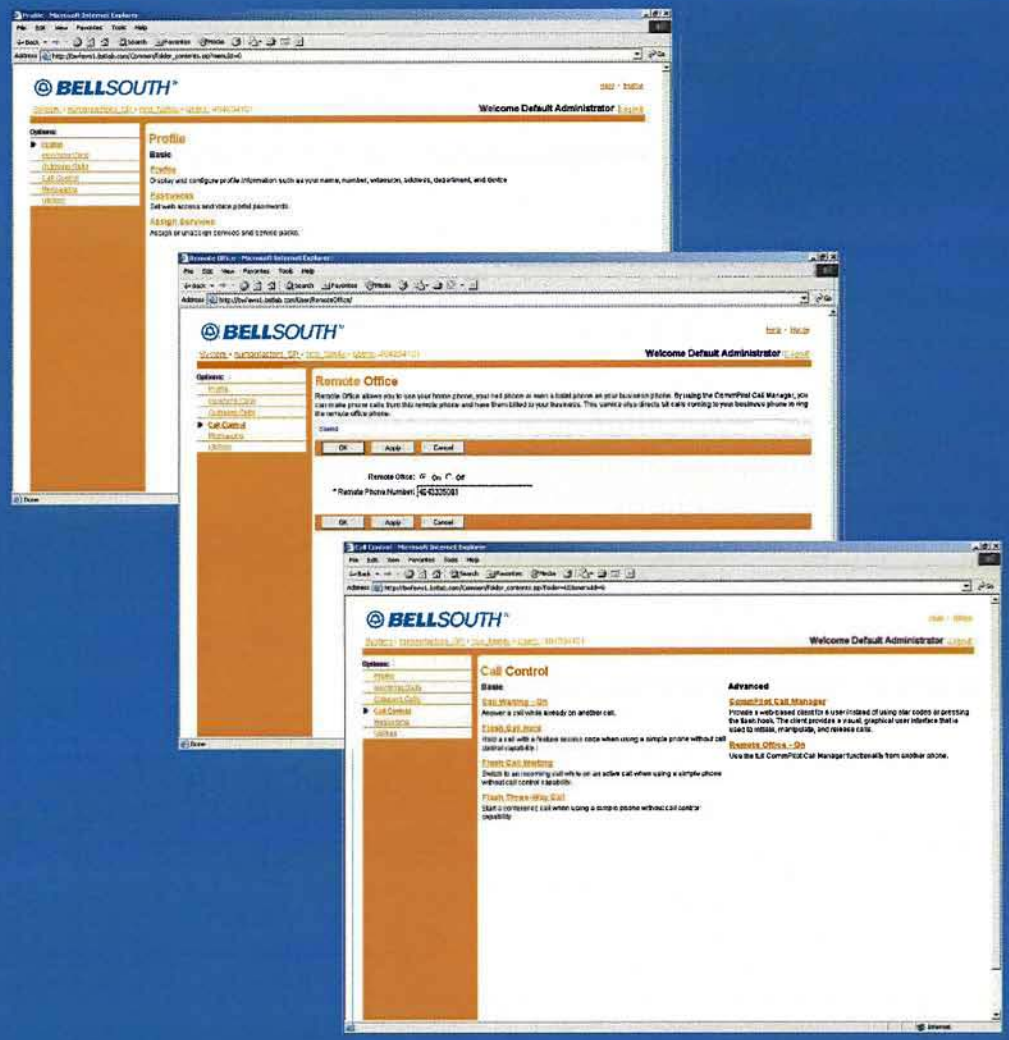
>> Illustrative BellSouth Web-Based Call Management





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BellSouth VoIP Solution

Enhanced Features

Web-Managed

CO / IP-VoN Solution

Makes use of Existing Wiring & Phones

Primary Line Reliability

No Adaptors or Home Installation Required

RESULT = Lower Initial Cost to the Consumer

IP-VoN Solution

Derived VoIP Lines

Requires Adaptors (or professional install)

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