IP **Call Processing Solutions:**
CISCO **CallManager** on IBM @server xSeries 330 and 340

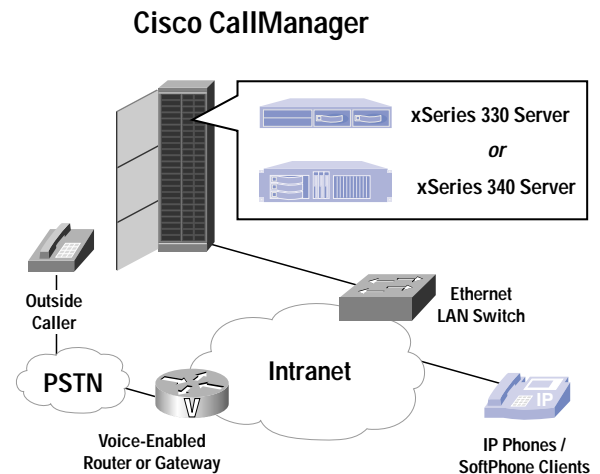## IBM and Cisco: Next Generation e-business Solutions

Highlights:
- **Provides a scalable, distributable, and highly available enterprise IP telephony call-processing solution**
- **Delivers bottom line results in reducing total cost of ownership over traditional enterprise telephony networks**
- **Offers assessment, planning, and installation services from IBM**
- **Provides an essential building block for IP-based call centers**

IP Call Processing with CallManager on IBM @server

Cisco CallManager is the software-based call-processing component of the Cisco IP telephony solution, part of Cisco AVVID (Architecture for Voice, Video and Integrated Data). The software extends enterprise telephony features and functions to packet telephony network devices. When installed on an IBM @server xSeries 330 or 340 server, Cisco CallManager provides basic call processing, signaling, and connection services to configured devices including IP phones and soft-phones, Voice over IP gateways, software applications, and other devices.

Cisco CallManager has been tested and made available to run on IBM @server xSeries 330 and 340. Planning, installation, and configuration services are available from IBM Global Services consultants. Using proven methodologies, IBM service professionals can quickly deploy and tailor Cisco CallManager to meet the demands of fast-growing e-business environments.

Cisco CallManager

xSeries 330 Server
or
xSeries 340 Server

Outside Caller

Ethernet LAN Switch

PSTN   Intranet

Voice-Enabled Router or Gateway

IP Phones / SoftPhone Clients

IBM @server **xSeries 330 and 340 Servers Provide Reliability that Grows with Your Business**

IBM @server xSeries provides a highly reliable and scalable server platform for Cisco CallManager. These Intel-based, industry-standard servers are rack optimized to deliver powerful performance in the smallest package. Offering a unique combination of high availability design and outstanding support, the @server xSeries delivers the reliability enterprises need to deploy Cisco CallManager with confidence.

IBM @server xSeries 330 will accommodate up to 500 Cisco CallManager users, with the @server xSeries 340 accommodating up to 2,500 users. Scalability for up to 10,000 users is available by networking server clusters.

IBM service professionals can quickly **deploy** and **tailor** Cisco CallManager to **meet the demands** of fast-growing **e-business environments.**

Benefits of the IBM @server xSeries 330 and 340:

- Reduced downtime with predictive system management capability

- Multiple levels of redundancy to help eliminate single points of failure

- Compact design for constrained data centers

- Optimized to deliver powerful performance

- Scalable to accommodate future growth

IBM Global Services Provides Real Business Value

In today's complex e-business environment, IBM Global Services leads the competition in meeting customer needs for enabling new growth and reducing operating costs. IBM Global Services offers network consulting and assessment; solution deployment and implementation; business expansion planning; and quality project management.

These professionals can help you design a flexible, high performance end-to-end network infrastructure that provides a competitive advantage and expands the opportunities for your e-business.

Enterprise Next Generation Scalability

As the call processing component of the end-to-end Cisco IP telephony solution, Cisco CallManager provides signaling and call control devices to Cisco integrated applications as well as third-party applications. Cisco CallManager is central to the distributed architecture of any converged network. The end result to the enterprise business is industry-leading scalability and system availability. The architecture also sets the stage for next generation integrated web, voice, and video applications thereby enhancing the ability of the enterprise to deliver customer care solutions through multiple media.

With IBM's expertise in network integration and deployment, you can rest assured that your business will be ready for the next generation technology. We help you securely integrate and support data, voice, and video networks, enable intelligent network infra-structures, and leverage new technologies—virtual private networking, optical, storage area networks, voice and video over IP, content delivery networks, and mobile and wireless—to connect, run, and grow your business.

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