Business Applications:
Java™ in Telecommunications

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GTE Data Services, Inc.

Overview

- ◆ Multi-faceted phone companies
- ◆ Where GTE is using Java™
- ◆ The changing telecom industry
- ◆ Marketing Java to the telecom industry

GTE: It's Amazing What We Can Do Together!

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- More than just a phone company
  - Healthcare
  - Remittance processing
  - GTE INS
  - Data center
  - Other divisions

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Java and GTE

- No 'official' announcement
- Java Development Group
- Java Central Intranet site
- Project by project basis

Everyday Uses of Java

- ◆ Intelligent forms
- ◆ Mainframe access
- ◆ Database queries

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Network Management Tools

- Computer networks
  - Assign IP addresses
  - Multi-threaded CGI scripts
- Voice and data networks

On the Horizon

- ◆ System provisioning
- ◆ Desktop call management
- ◆ Distributed multimedia
- ◆ JavaStations™
- ◆ SuperPages
- ◆ Garrison™

On the Horizon (cont.)

◆ Shared Interactive Environments
  ◆ Storefronts
  ◆ Distance learning
  ◆ Customer support
  ◆ Conferencing
  ◆ Virtual venues

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The Changing Telecom Industry

◆ Deregulation

◆ Competition

◆ Mergers and joint ventures

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Marketing Java to Telcos

- ◆ More than just telephony
- ◆ Rapid development means COTS
- ◆ Tools
- ◆ Email + Web site
- ◆ Bottom up approach

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Summary

- Telephone companies are very diverse
- Deregulation and competition are changing everything
- Open to outside solutions
- "How can I help?"
- Java is everywhere

Business Applications Telecommunications

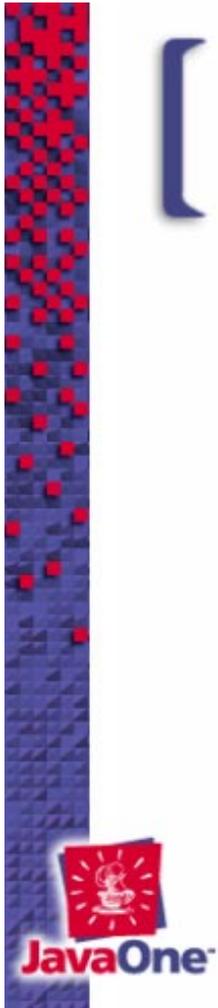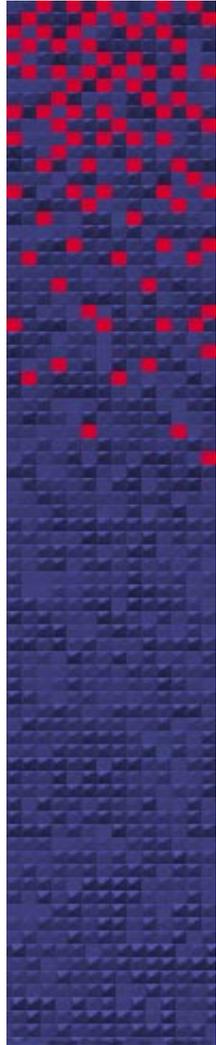- ◆ *Follow-up or questions:*
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