

PCG15_19



3G Americas **MRP Report to 3GPP**



Chris Pearson
President
3G Americas
October 2005



MISSION:

Promote and facilitate the seamless deployment throughout the Americas of GSM and its evolution to 3G and beyond.

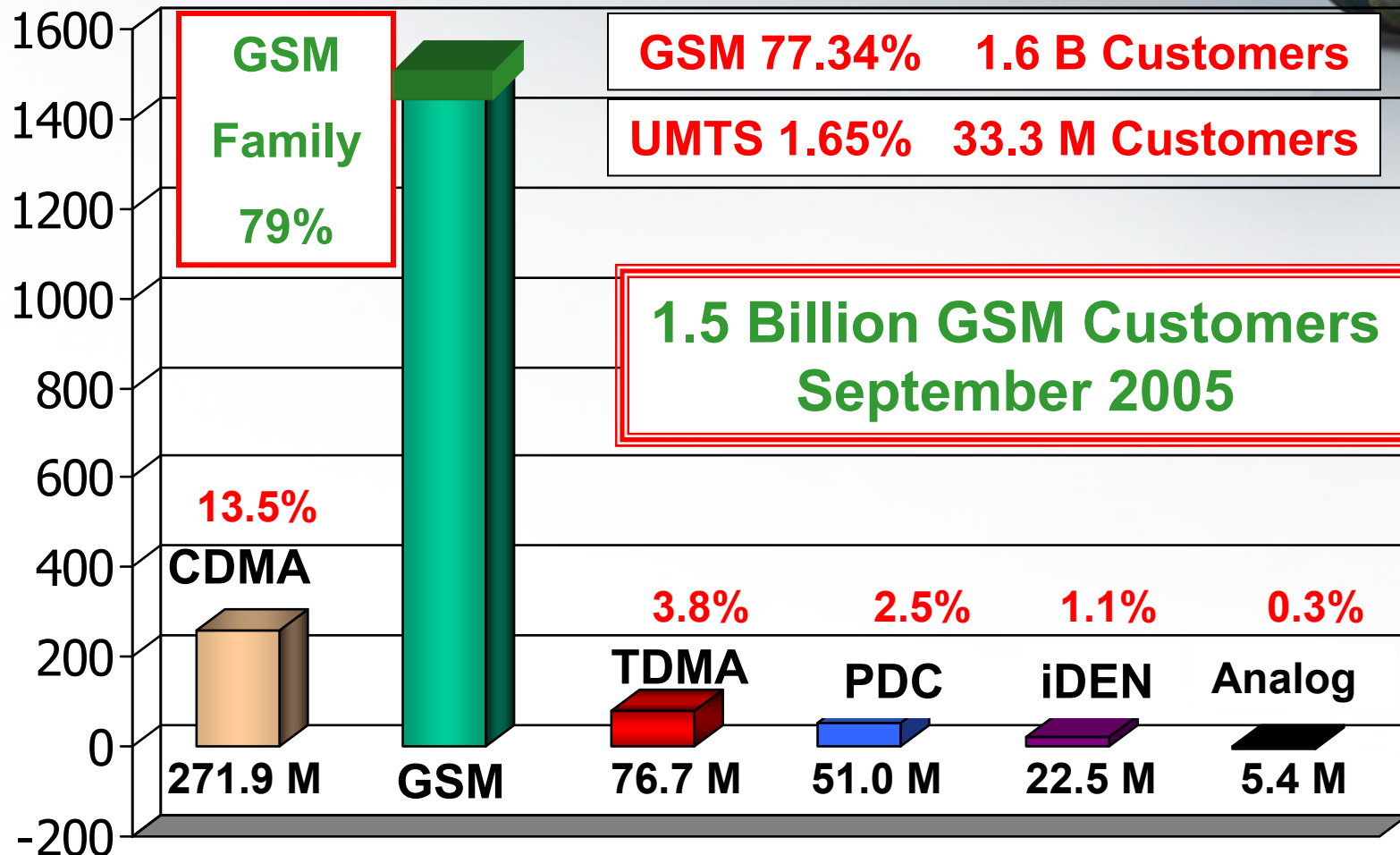
OBJECTIVES:

Facilitate interoperability and advanced service functionality among GSM carriers in the Americas. (i.e. technical positions, recommendations, position papers, technology guidance, lobbying, spectrum, etc.).



Market Update

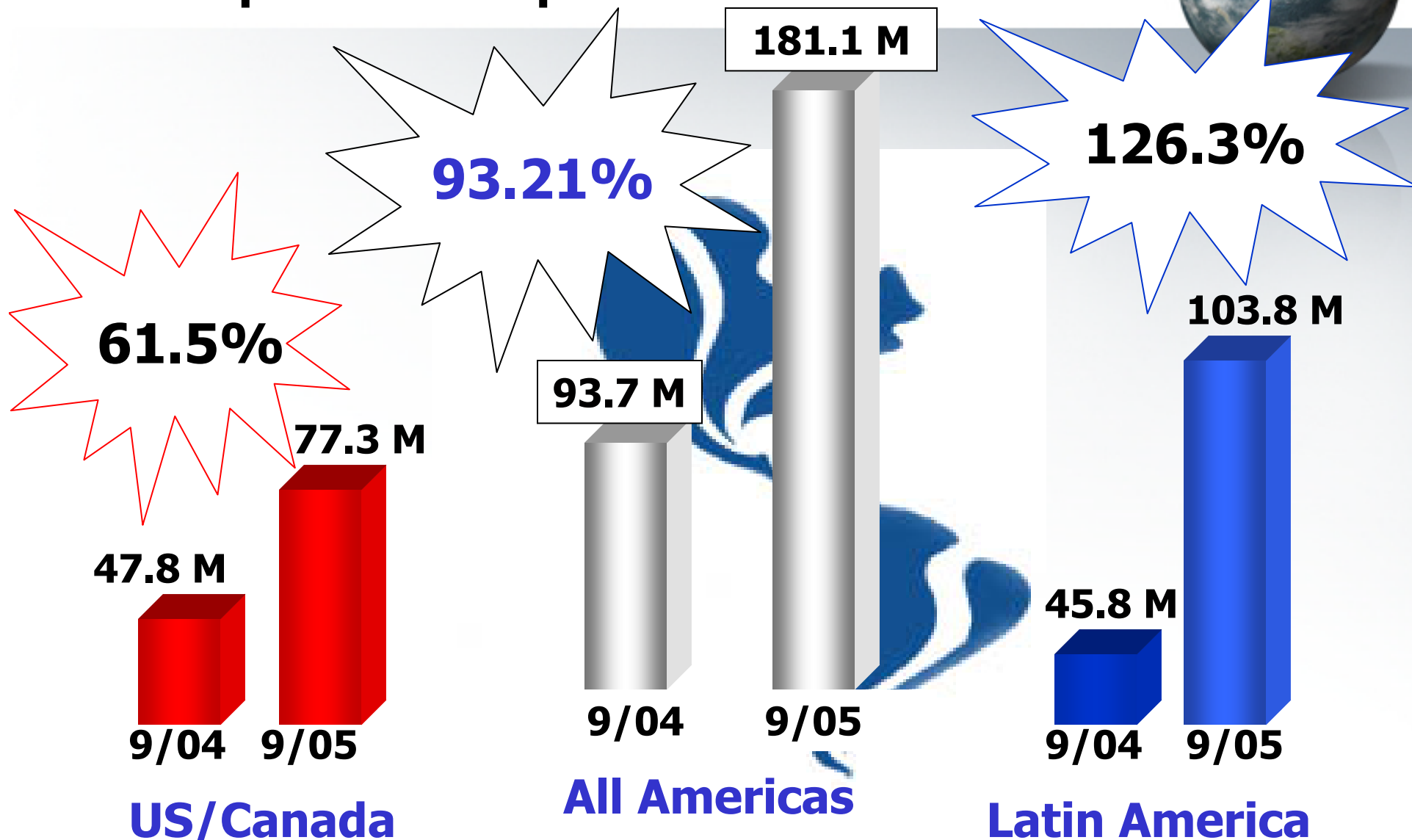
World Cellular Subscribers by Technology Sept 2005



More than 2 Billion Customers Worldwide

GSM Growth in the Americas

Sept 2004 – Sept 2005



Source: Informa Telecoms & Media, WCIS, Sept 2005 Estimates

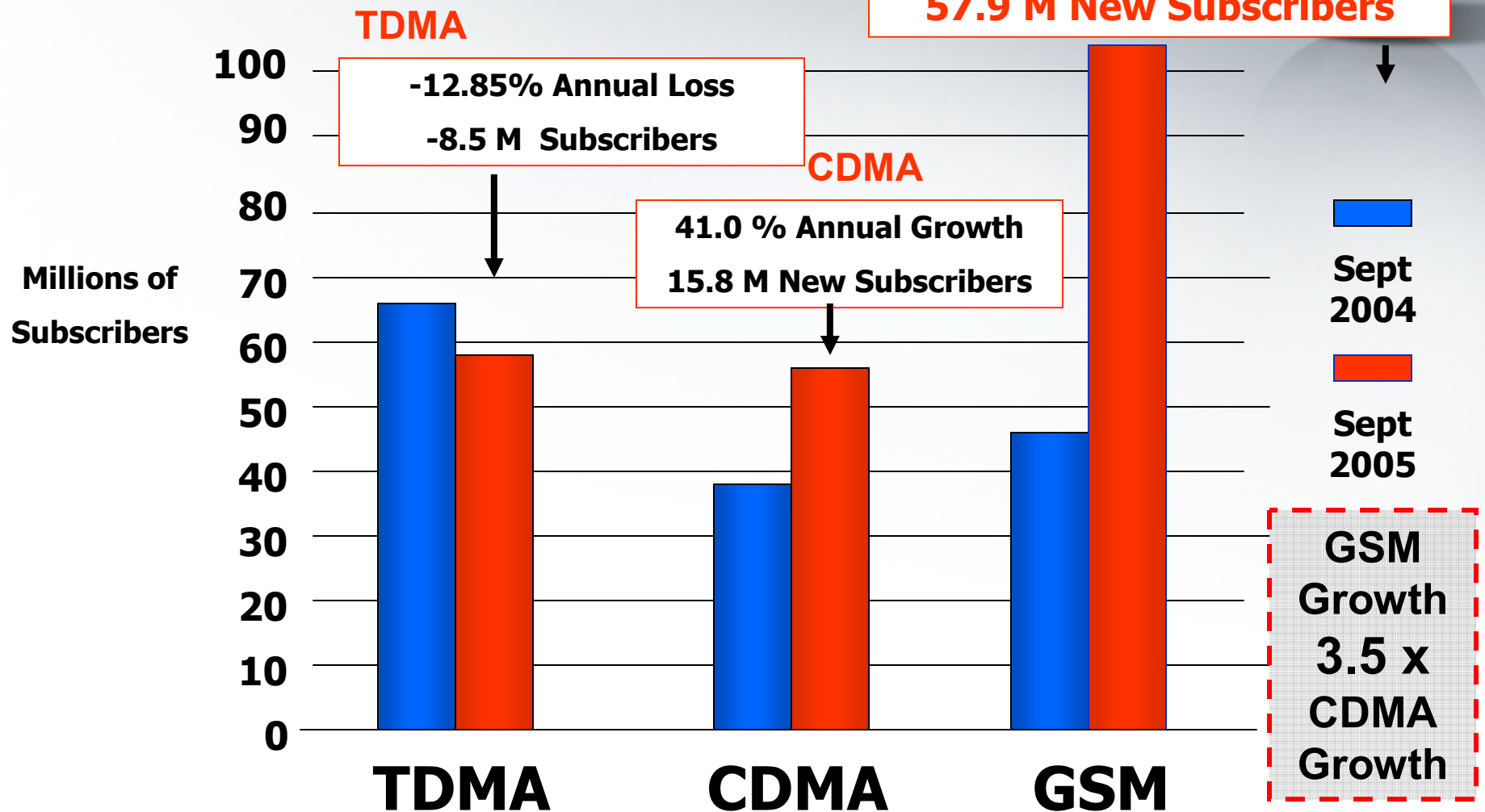
Latin American Growth Sept 2004-Sept 2005

TDMA-CDMA-GSM

GSM (47.23% market share)



126.3 % Annual Growth
57.9 M New Subscribers



History: GSM in the Americas 1998



**3.3 M
Customers**





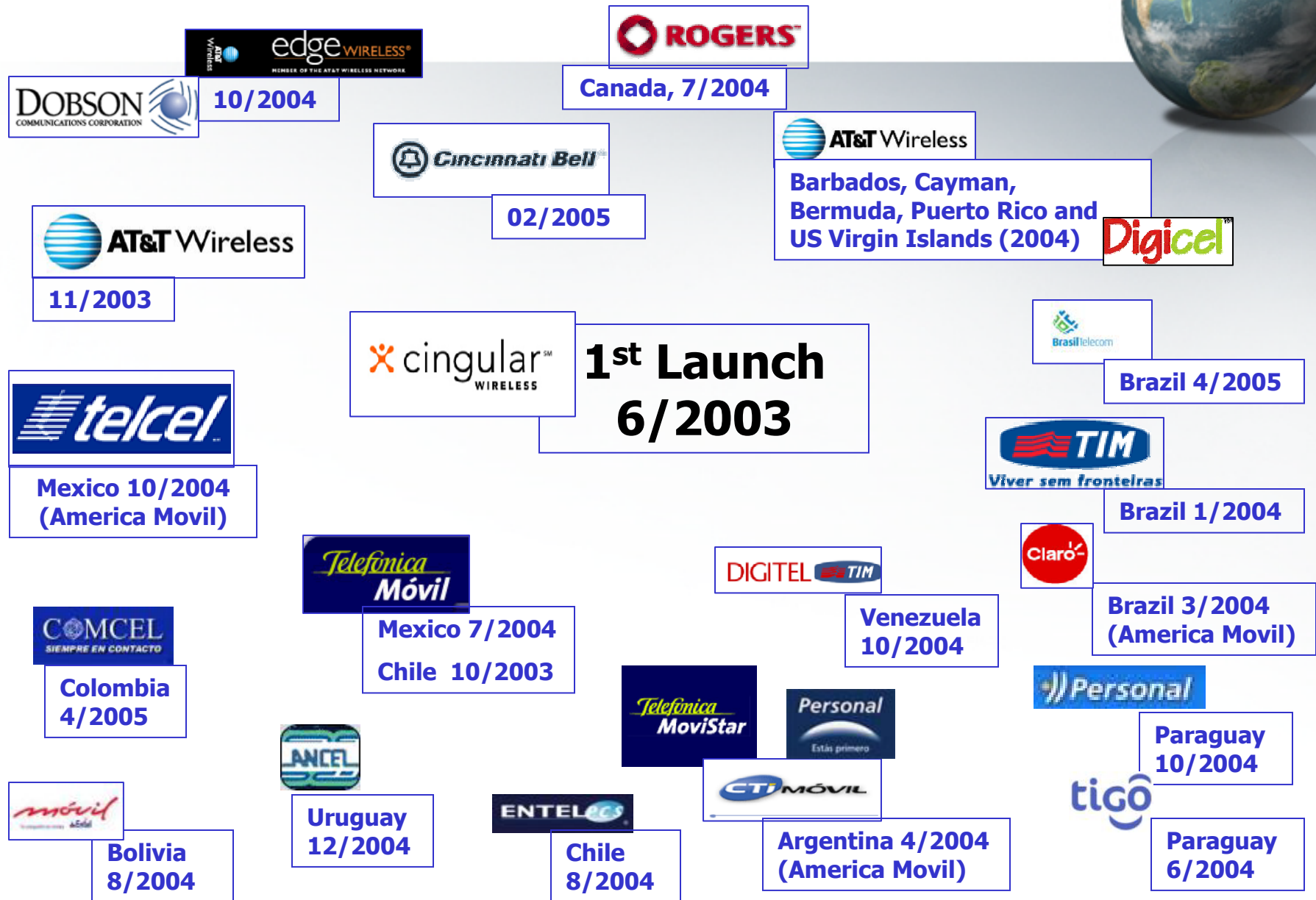
2005: GSM Countries in the Americas

Anguilla	Dominican Republic	Panama
Antigua & Barbuda	Ecuador	Paraguay
Argentina	El Salvador	Peru
Aruba	French Guiana	Puerto Rico
Bahamas	French West Indies	St Lucia
Barbados	Grenada	St Vincent & The Grenadines
Belize	Guatemala	St. Kitts & Nevis
Bermuda	Guyana	Suriname
Bolivia	Haiti	Trinidad & Tobago
Brazil	Honduras	Turks & Caicos Islands
British Virgin Islands	Jamaica	Uruguay
Cayman Islands	Mexico	US Virgin Islands
Chile	Montserrat	Venezuela
Colombia	Netherlands - Bonaire	
Costa Rica	Netherlands Antilles	
Cuba	Netherlands Windward	
Dominica	Nicaragua	

**181 M
Customers**

**ALL
Countries**

EDGE Launches in the Americas



Updated 9/2005

EDGE Facts September 2005



- **Cingular first to deploy in World**
- **Telefonica Chile first in Latin America**
- **32 commercial deployments in 16 countries in the Americas**
- **70 total commitments to EDGE in the Americas**
- **95 operators in 62 countries are commercially deployed worldwide**

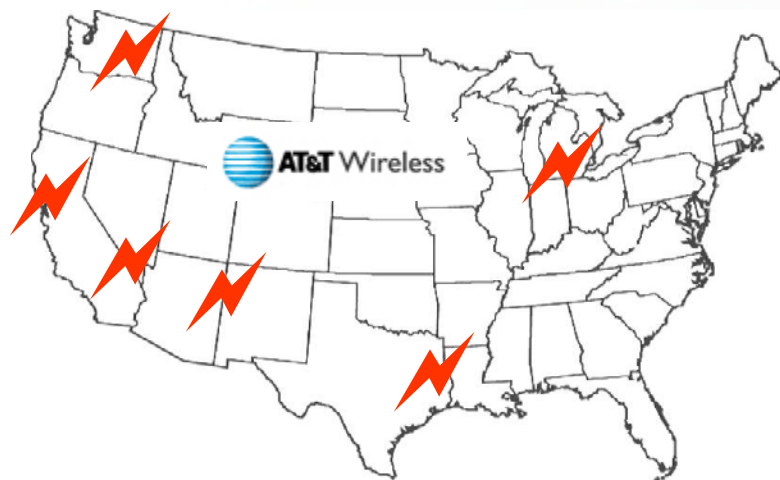
UMTS



UMTS global commitments:

- 83 networks in service in 39 countries
- 76 more networks in various stages

ATT Wireless (Cingular) UMTS launch in 6 cities



Uruguay Ancel Trial



HSDPA



- Expected to be first deployment
- 15-20 markets by end of 2005
- 100 markets by end of 2006
- Eventual Deployment in both 850 and 1900 MHz
- “Globally: 44 network commitments for HSDPA”

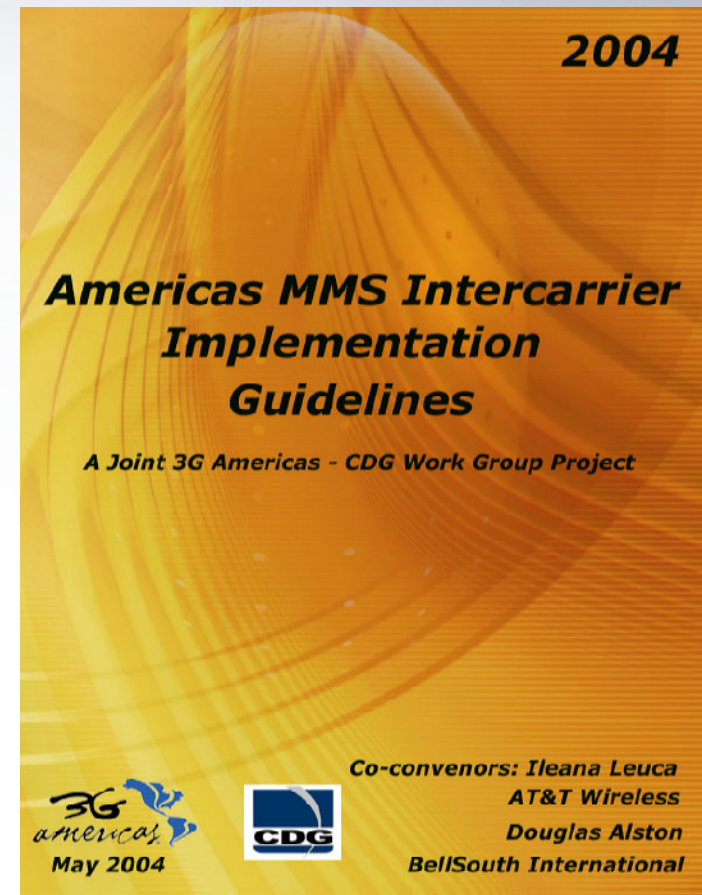


Technical Recommendations



MMS Project Team

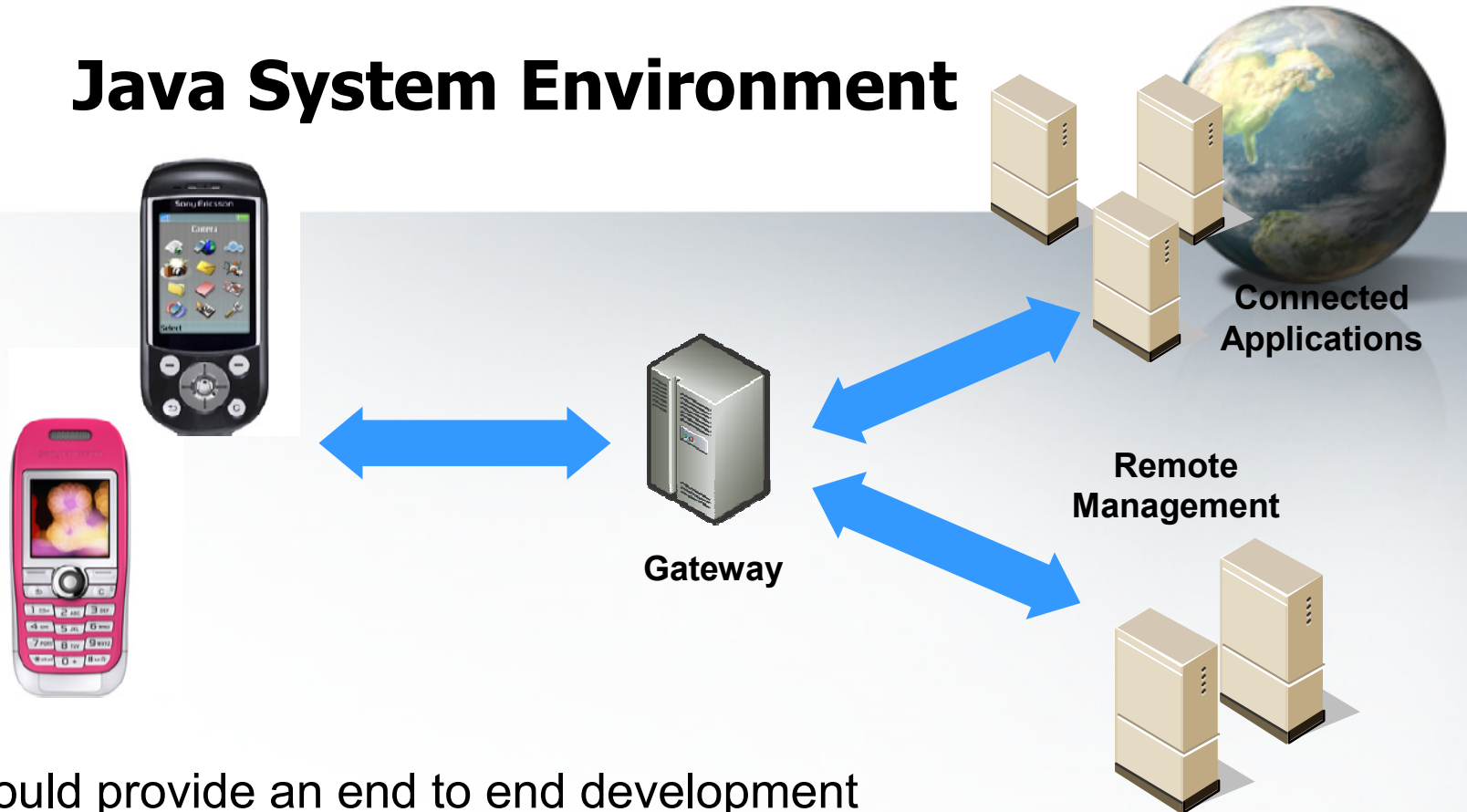
- 3G Americas MMS Background
 - Develop MMS Interoperability Implementation Guidelines based on “Americas MMS Implementation Guidelines” and OMA interoperability standard
 - Joint Project with CDG to address: Billing/Charging, MMSC Interconnect, Address Resolution and SLA
 - 2005 Project continues at GSMNA



Application Interoperability



Java System Environment



Java should provide an end to end development and deployment platform

The platform definition should include the following aspects:

- requirements definition,
- test specifications and
- certification/evaluation process
- reporting formats



Regulatory Issues

Regulatory Issues in the Americas



- Government Perception of GSM/UMTS
- U.S. H Block decision on radio emission interference
- CITEEL Spectrum Recommendations in Americas
- 450 MHz decisions in Latin America
- 1700/2100 Auctions in U.S.



3G Americas White Papers

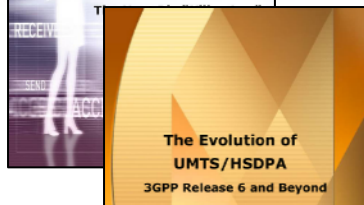
3G Americas Industry White Papers



VoIP Regulatory Environment



Mobile TV - The Next Big "Killer App" in Wireless?



The Global Evolution of UMTS/HSDPA - 3GPP Release 6 and Beyond



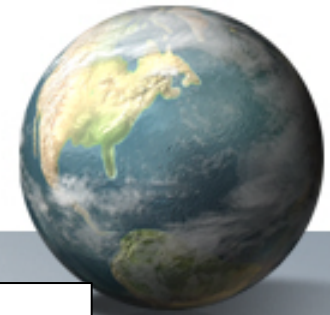
Convergence: An Outlook on Device, Service, Network and Technology Trends



Key Considerations for Selecting and Deploying Wireless Corporate Applications

Data Capabilities: GPRS to HSDPA and Beyond

Published Sept 13




RYSAVY
R E S E A R C H

**DATA CAPABILITIES:
GPRS to HSDPA and BEYOND**

September 2005

Prepared by Peter Rysavy
RYSAVY RESEARCH
www.rysavy.com

White paper developed for 

Thank you!



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