

Report to 3GPP PCG #8

New Orleans, April 25, 2002



- ▶ GSM update
- ▶ Report on EDGE Operators' Forum

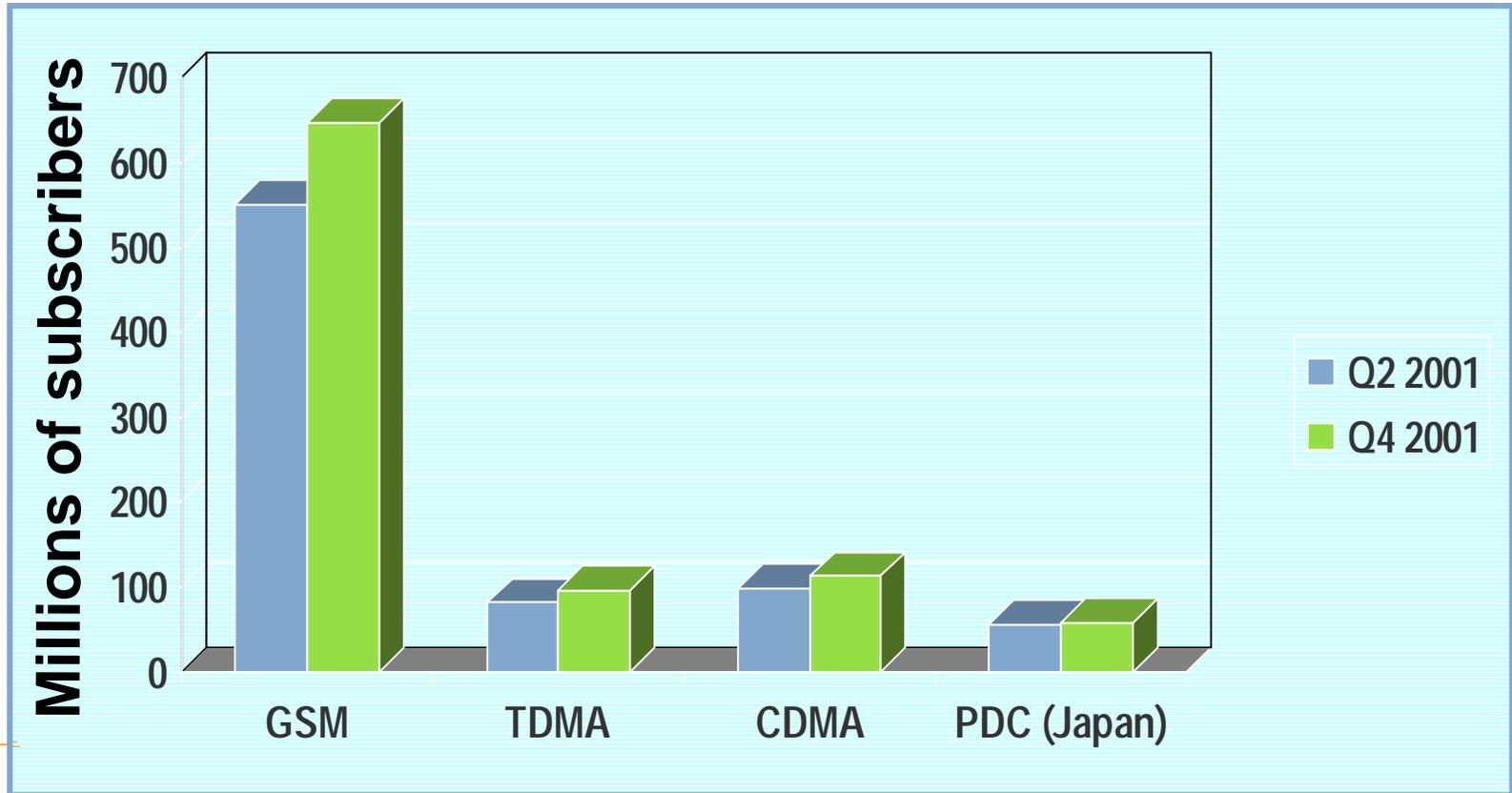
Alan Hadden, President, GSA
alan.hadden@gsacom.com
www.gsacom.com

GSM update



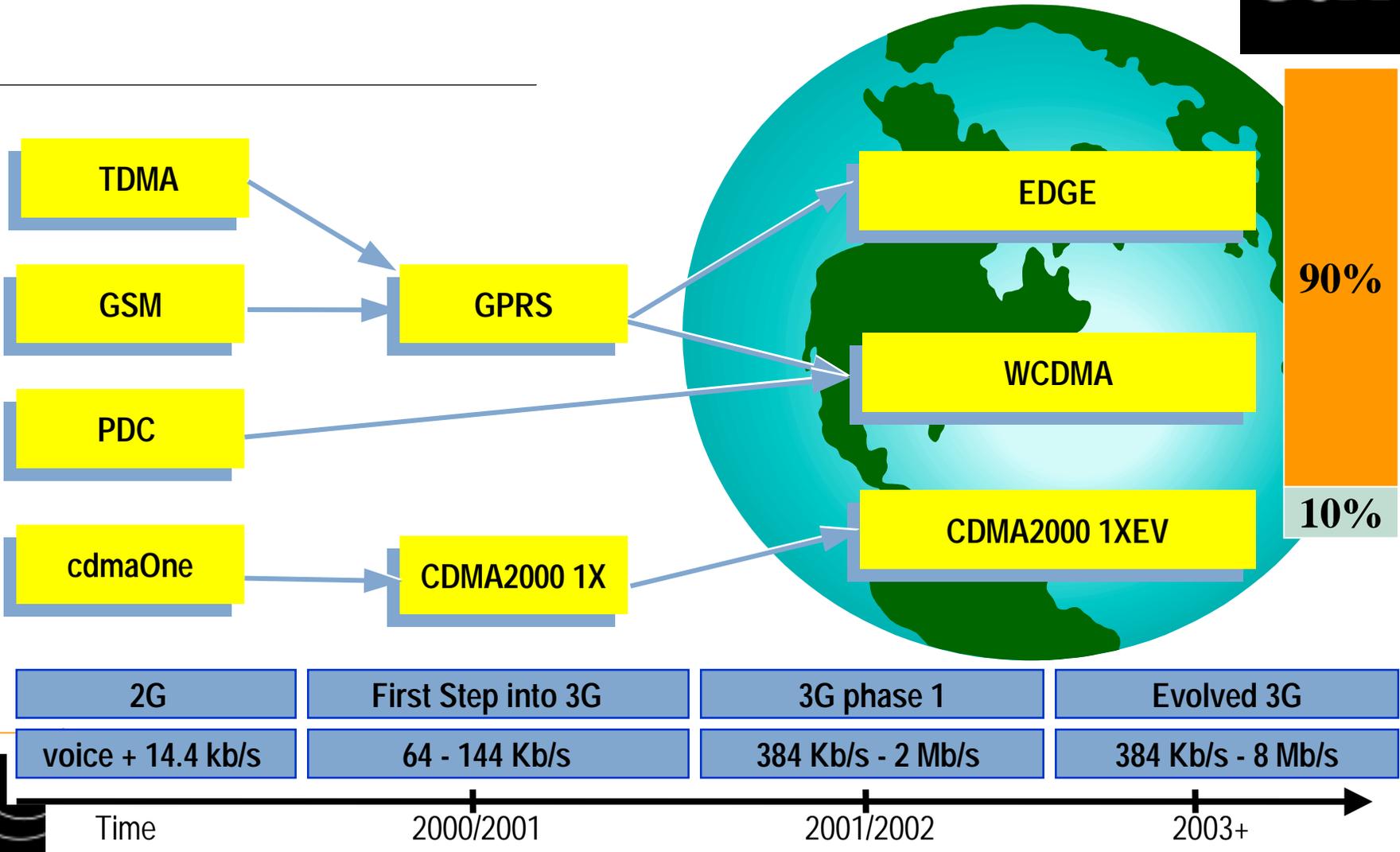
- ▶ More than 600 2G/3G operators
- ▶ More than 650 million customers
- ▶ 70 percent of total digital wireless market.
- ▶ More than 14 million in N. America
- ▶ Spans 174 countries

GSM - world's fastest growing platform



Source: EMC World Cellular Database

Evolution of Mobile Systems to 3G



EDGE Operators' Forum

What is the EDGE Operators' Forum?



A cooperative global industry partnership among the major operators and vendors that have commercially committed to deploy EDGE as part of the GSM evolved solution for 3G service delivery, working in close cooperation with the two major GSM global associations - GSA and GSM Association.

Current EDGE Deployment Status



- Operator:
- AT&T Wireless (USA), Cingular Wireless (USA), Voicestream (USA)
 - Telcel (Mexico)
 - Rogers Wireless (Canada)
 - BTC Mobility (Bermuda)
 - pending announcements in South America, Asia, and Europe

- Vendors include:
- Ericsson
 - Motorola
 - Nokia
 - Nortel Networks
 - Siemens

- Timetable:
- initial dual band EDGE by YE 2002
 - volume EDGE in 2003, initial tri-band for the Americas

The EDGE Component of 3G



- ▶ EDGE/EGPRS; the next logical investment to enhance GSM/GPRS in current bands; small incremental cost and rapid time-to-market
 - ▶ EDGE; in-band 3G component complementing W-CDMA/UMTS in wideband spectral markets
 - ▶ Focus on service transparency, global device mobility, enhanced service roaming, multi-mode/multi-band/"inter-generational" service delivery
 - ▶ Forward evolution of GERAN and UTRAN access and mobility solutions on a common 3GPP

Core Network



EOF 2002: Key Events



- ▶ EDGE Operators' Forum in Cannes: February 19
- ▶ EDGE Operators' Forum in Orlando: March 17
- ▶ EOF Activity in Rome at GSMA Plenary #47: April 15
- ▶ Other events covering all regions worldwide

Documentation



white paper



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EDGE
Introduction of high-speed data
in GSM/GPRS networks