INTERNATIONAL TELECOMMUNICATION UNION



TELECOMMUNICATION DEVELOPMENT BUREAU

Document 005-E 4 October 2006 Original: English

 $5^{\mathrm{TH}}\,\mathrm{WORLD}\,\,\mathrm{TELECOMMUNICATION/ICT}\,\,\mathrm{INDICATORS}\,\,\mathrm{MEETING},\,\mathrm{GENEVA},\,11\text{-}13\,\,\mathrm{OCTOBER}\,\,2006$

SOURCE: Ovum

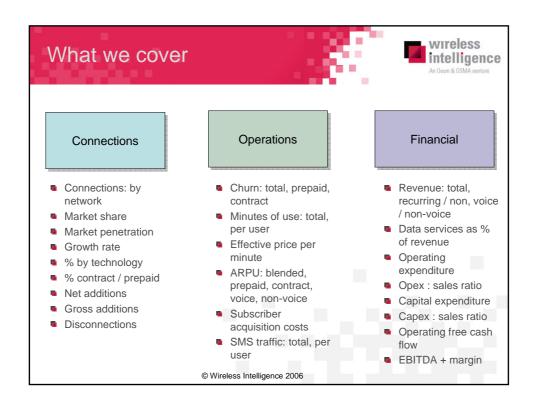
TITLE: Mobile network indicators

005-E.DOC (221411)





wireless Aims / achievements intelligence Set up to become THE source of Launched Feb 2005 cellular data metrics Fully funded and profitable within 12 Major goals Live database – updated and Improve the accuracy of data recalculated daily Broaden the scope of data We now have Improve the ease of use ■ The most data - 1.5m data points Build the Wireless Intelligence ■ The most clients - majority of GSM brand operators + vendors + other Build the business The best accuracy - operator feedback High praise for ease of use Good UI Automatic Intranet / white label data feed service Developing brand recognitione.g. 2.5 billion cellular users © Wireless Intelligence 2006



What we cover



- Our data runs from 2000 to now
- We cover all operators worldwide and all technologies
- We provide 5 year forecasts for
 - Connections
 - Metrics derived from connections
 - e.g. market penetration
- Most of our data comes from operators' financial reports

- Other areas are:
 - Estimated
 - e.g. technology split across networks
 - Calculated
 - e.g. disconnections
- We get a lot of feedback from operators on our estimates
 - Even where they do not report the number
- We provide analytical reports every 2 weeks on key aspects of the data

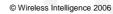
© Wireless Intelligence 2006

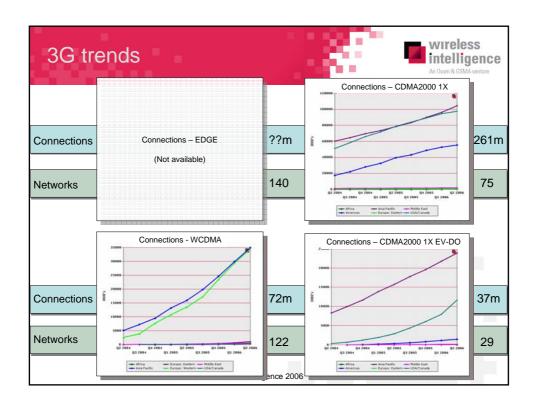
3G definitions



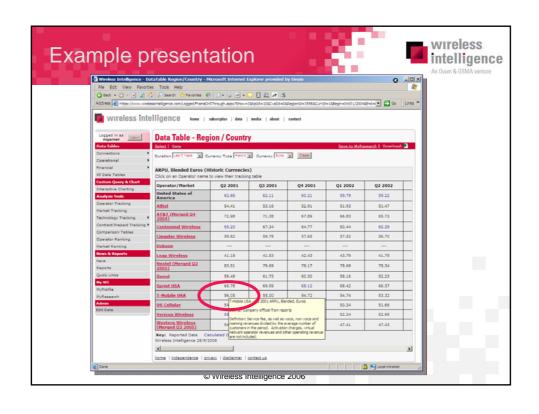
- "3G" is still a difficult term
 - In spite of the official definitions
- It's now accepted that 3G includes
 - dma20001X, EV-DO
 - EDGE
 - W-CDMA, HSDPA
- WI uses names of individual technologies instead of "3G"

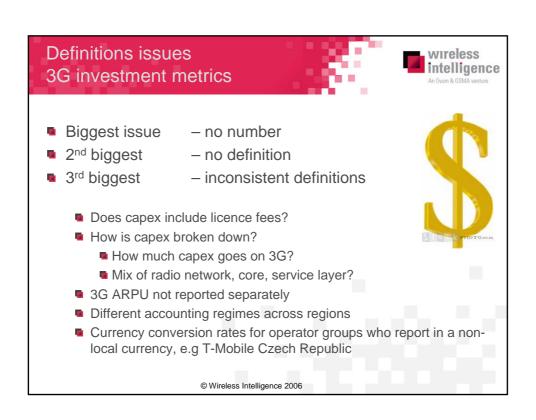
- Biggest issue no data
- 2nd biggest no definition
- 3rd biggest inconsistent definitions
 - Registered or active users?
 - Definition of "active users"?
 - What is "commercially launched"?
 - MVNO connections included?
 - What is the linkage between connections and people?
 - How to define the territory, e.g. "France"











Concluding remarks



- Thanks to databases and the internet we can now do a good job of making useful data and analysis widely available and easy to use
- The limiting factor is the availability and quality of data
- In some areas there is enough data to do a respectable job
- But several large investment areas are almost invisible
 - 3G
 - Advanced services
- Operators alone will not straighten these issues out
 - They need pressure
- Regulators' data is very useful for making greater sense of industry data

© Wireless Intelligence 2006

Recommendations





3G has an important role in economic development



- We believe that the world needs greater visibility of the scale and impact of the investment
- Regulators and trade bodies have a key role to play in improving the scope and quality of industry data
- We recommend
 - Mandate reporting of a minimum data set
 - Set standards for transparency
 - Work with the industry to harmonise definitions, where feasible
 - Set a roadmap for greater scope of data

data

3G data needed

Capex on the network % Population Coverage Connections

ARPU – voice / data Traffic – voice / data

© Wireless Intelligence 2006

