

The German Telecommunications Market in 2000/01

Matthias Kurth

President

Regulatory Authority for Telecommunications and Posts

Germany



Major Trends in Telecommunications in the Year 2000

- Dynamic growth is continuing
- The competitive environment is flourishing
- The local loop bottleneck has not yet been eliminated

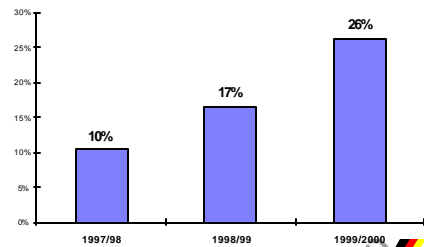


1. Dynamic Growth is continuing

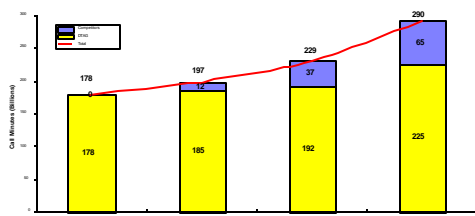
Dynamic growth in the telecoms markets is continuing unabated. Innovative products and services are driving up customer levels and volumes.



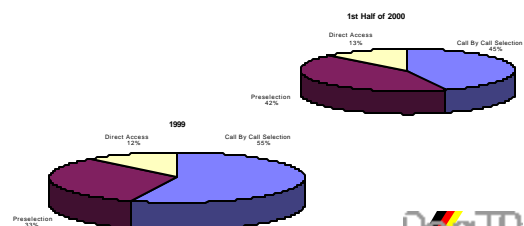
Annual Growth Rates in Fixed Network Traffic



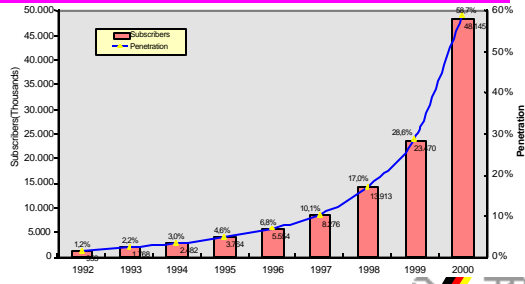
Call Minutes 1997-2000



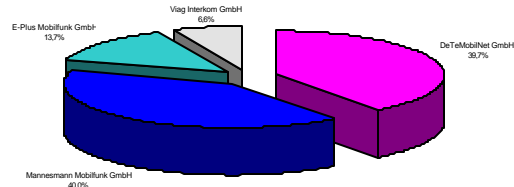
Customer Access to Alternative Operators



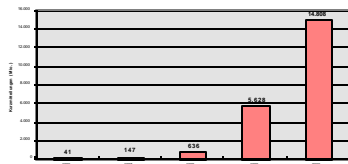
Mobile Subscribers and Penetration



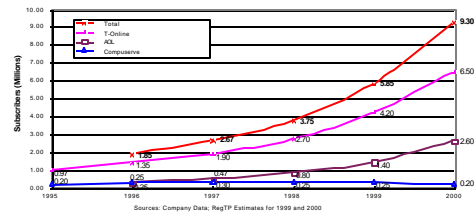
Mobile Operators' Shares of Total Subscriber Base (End 2000)



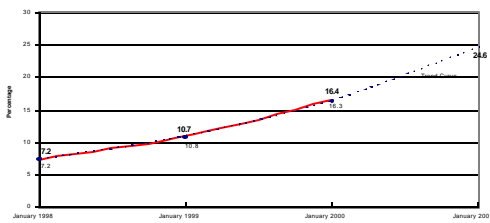
Development of Short Message Services



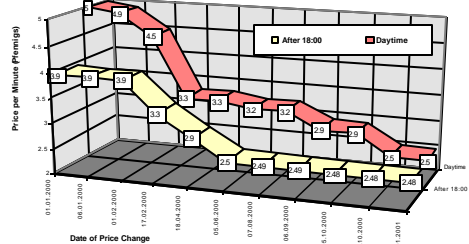
Internet Subscriber Growth



Percentage of Homes with Internet Access



Minimum Prices for Pay-As-You-Go Internet Access

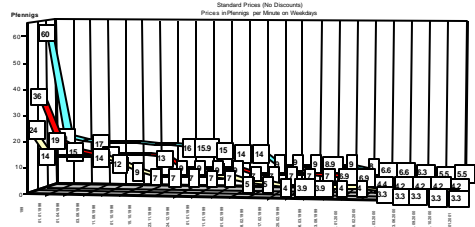


2. The Competitive Environment is flourishing

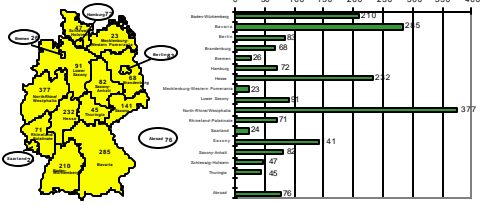
The work of the Regulatory Authority to spur competition and open the markets is now bearing fruit. Lower prices, more jobs and the promotion of technical innovation are benefiting the economy as a whole.



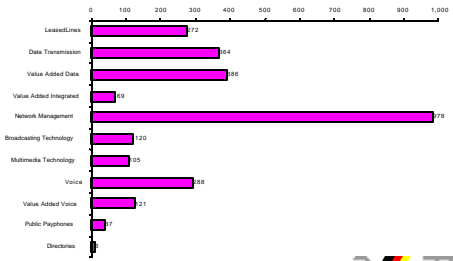
Minimum Prices for Fixed National Calls using Call-by-Call Selection



Regional Breakdown of Telecommunications Service Providers

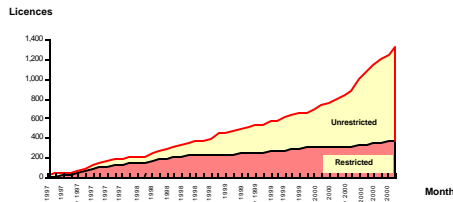


Fixed Telecommunications Services



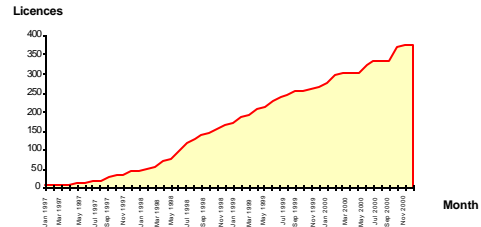
Licences Class 3

Total number of licences granted (modifications included), excluding broadcasting licences

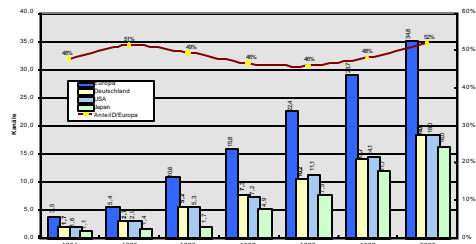


Licences Class 4

Total number of licences granted (modifications included)



Development of ISDN-Channels - International Comparison -

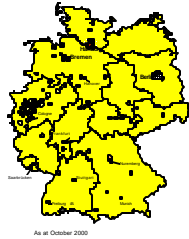


3. The Local Loop Bottleneck has not yet been eliminated

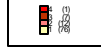
Regrettably, however, the real bottleneck is the local loop, where competition is still largely undeveloped. This area will therefore require the Regulatory Authority's special attention in the months ahead



Number of Alternative Carriers in Cities with more than 50,000 Inhabitants



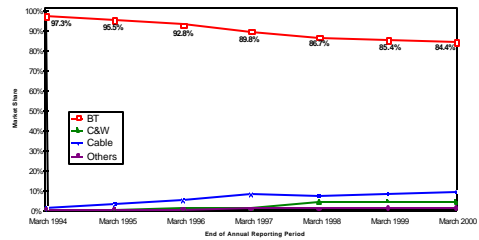
Number of Carriers (Number of Locations)



As at October 2000



BT's Market Shares of Telephone Lines in the UK



Sources: Market Information 1994/95 to 1998/99, Ofel, January 2000; Market Information Update, Ofel, July 2000



Latest Reg TP-Decisions to foster LL Competition

- Unbundled Local Loop Prices lowered
- Basic Conditions of Line-Sharing pronounced
- Resale in the Local Loop allowed



UMTS is on its Way

After the UMTS auction has ended, the winning companies aim is to built up their networks and to develop value added services as fast as possible.



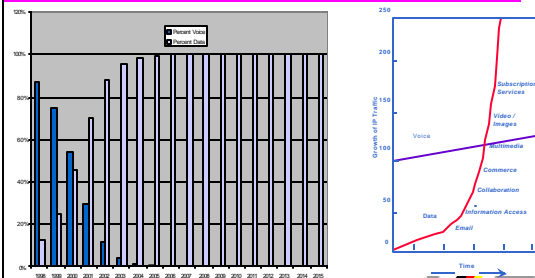
The UMTS – 'Prediction'

„For many people all over the world, mobile phones may be their first point of access to the Internet. The mobile has the potential to emerge as the largest ever engine for Internet subscribers.“

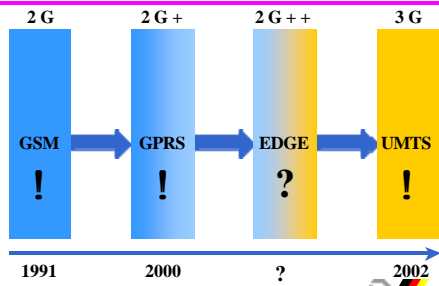
Andersen Consulting, eEurope 2000



Evolution (I): Changes in the Relation of Voice and Data



Evolution (II): Mobile Communications in Germany



M-Business Areas

Mobile Entertainment	Mobile Commerce	Mobile Information	Mobile Communication	Mobile Support	Mobile Employee Services
Games Music Video Lotteries	Banking Shopping Auctions Ticketing	Common Sports Travels Finance	E-Mail Voice Chat Telemetry	Medicine Passport Member Services Loyalty Programmes	Mobile Office Car Management Workflow Coordination

Business to Consumer ↔ Business to Business



Evolution (III): The „Mobile“ Value Chain Changes

GSM	Access - Network	Transport - Network	Service - Providing	Sales and Distribution
	70% „Technical“ Area		30% „Business“ Area	
UMTS	Access - Network	Transport - Network	Service - Providing	Sales and Distribution
	40%		60%	



Future Player in Mobile Communications

