

الجهاز القومي لتنظيم الاتصالات

Barriers to Access: Availability and Affordability

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ICT Indicators



Data item	Unit	Q4 2008	Q3 2008	Q3 2007	Quarterly growth rate %	Annual growth rate %
ICT Sector: Infrastructure Indicators						
Fixed line subscribers	Millions	11.9	11.4	11.2	4.39	6.25
Fixed line penetration*	%	15.7	15.2	15.1	0.5	0.6
Mobile line subscribers	Millions	41.3	38.1	30.1	8.4	37.21
Mobile penetration*	%	54.8	50.7	40.62	4.1	14.2
Internet users	Millions	12.57	11.69	10.53	7.52	19.37
Internet penetration*	%	16.7	15.5	14.2	1.2	2.5
ADSL subscribers	Thousands	718.847	593.042	427.085	21.21	68.31
ADSL penetration *	%	0.953	0.791	0.427	0.16	0.53
International Internet bandwidth	Mb/s	27077	27077	14866	0.0	82.14
Average number of people served by individual post offices	Inhabitant	20.471	20.378	20.354	0.46	0.57
ICT Sector: Main Economic Indicators						
ICT sector revenues ***	Billion EGP	10.48	10.24	9.11	2.33	15
ICT real GDP	Billion EGP	7.75	7.01	6.50	10.56	19.20
Contribution of ICT sector to real GDP	%	3.98	3.13	3.48	—	—
Contribution of ICT sector to real GDP annual growth rate	%	0.67	0.33	0.51	—	—
ICT operating companies	Companies	2938	2621	2348	12	25.12
Number of people employed in ICT sector****	Employee	175.11	174.48	162.49	0.36	7.77
ICT Sector's Role In Development						
Number of IT Clubs	Club	1776	1751	1698	1.4	4.6
Number of people in specialized ICT training	Thousand trainees	33.05	32.97	31.46	0.24	5.05

Availability



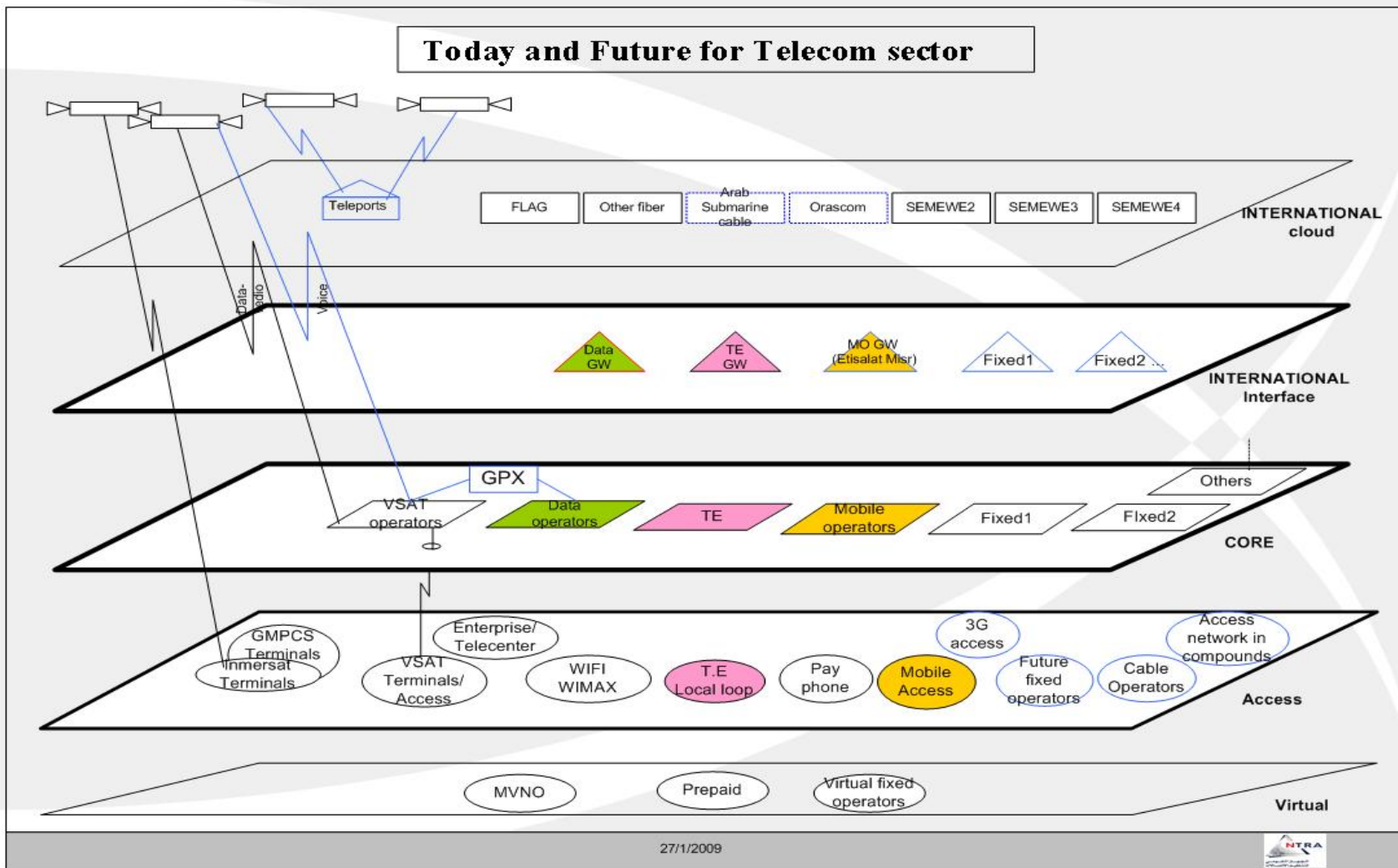
- **Access:** The possibility of establishing **connectivity** is a precondition for bringing individuals and institutions to the Internet (ultimately overcoming the digital divide).
- **Various possibilities for providing and improving connectivity are available:**
 - wireless communication might be the solution to the problem in remote and rural areas and for main cities with growing capacity requirements .
 - Fiber to the home, cable TV etc.. For new development areas and compounds.

Infrastructure Development



- **Large investments in infrastructure are needed**
 - Fixed Network Nationwide
 - Wireless Solutions
 - Access Infrastructure
- **Key Word: opening competition**
 - diversity of service providers and offers
 - low and affordable prices
 - wide range of complementary services

Telecom Sector in Egypt



Affordability



- **Competition**
- **Universal Service Fund**
- **National Initiatives**
- **ICT clubs**
- **Schools**
- **R&D and New Technologies**

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Other Barriers



- **Local Content Availability**
- **Socio-Economic Factors**

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