

## Breaking Communication Barriers

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## A Few Words About Netsize

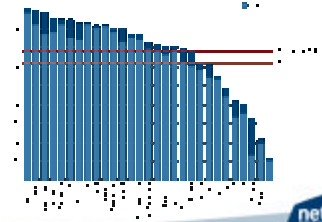
- ➔ Leading mobile services enabler
  - Network infrastructure
  - Services billing
  - Service management
  - Platforms and content
- ➔ Key figures
  - Founded 1998, privately-held
  - 800 active customers
  - Revenue est. 2005 €100m
  - 18 offices
  - Fastest growing mobile technology company



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## Worldwide, Consumers Go Mobile



Source: Netsize Guide 2005

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## Using a New Swiss Army Knife ...

- ➔ The mobile phone is a:
  - Phone
  - Compass
  - Navigation system
  - Beeper
  - Fashion accessory
  - Gaming console
  - TV set
  - Web browser
  - Camera
  - Music player
  - E-mail client
  - Scanner
  - Wallet
  - Remote control
  - ... and much more to come
- ➔ Personal
  - Always on, always available
  - Everyday item



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## Connected, Anytime, Anywhere.



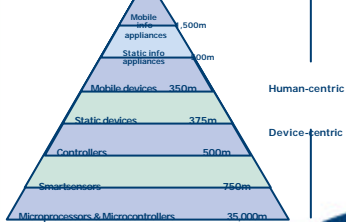
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## A Mobile-Enabled Government

- ➔ M-Government: catch up and use that mobile!
  - Government workers: public safety, co-ordination between services, health, safety and school inspection, monitoring employee activity, ...
- ➔ A new Citizen Relationship Management
  - Public sector service reminders (driving tests, hospital appointments, ...), tax form info, verify voting information, energy alerts, lottery results, traffic updates, tourist services, votes, ...

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## Things Go Mobile, Too



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## Driving Innovation



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## A Choice of Wireless Technologies

Source	Wireless Standards & F/M2M Applications					
	Mature	New	Trial	Development		
ETSI	2G	GSM	GPRS	EDGE	EDGE Ph2	
	3GPP	UMTS/WCDMA		TD-CDMA	HSDPA	HSUPA
	3GPP2	CDMA	1xEV-DO	1xEV-DO	1xEV-DV	
IEEE	802.11	Wi-Fi	.11b	.11a	.11g	.11n
	802.15.3	UWB				MBWA/DS-UWB
	802.15.4			.15.4		
IEEE	802.16	WiMAX		.16a	.16d	.16e
	802.15.3					
Bluetooth	v1.1	v1.2	V2.0+EDR		UWB	
ZigBee					ZigBee	
	License free spectrum		Licensed Spectrum			

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## Challenges

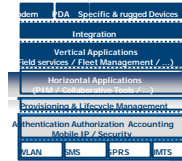
- Deployment of wireless technologies not trivial
- Deal with multiple access providers
- Implementations complex, time-consuming
- High operational management overhead



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## Mobile Service Enabler

- Single point of contact for universal access
  - Aggregate wireless technologies
  - Provide cross-network mobility
  - Service management and billing
  - Security and user management
- Minimise CapEx, lower risk
- Fast deployment



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## Thank You for Your Attention



- Information and contact
  - [www.netsize.com](http://www.netsize.com)
  - Netsize Guide 2005
  - [lchesnais@netsize.com](mailto:lchesnais@netsize.com)

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