Mobile Converged Networks



1.3.1 Shaping the Future: Mobile Network Evolution to NGN - Additional Material



ITU-BDT Regional Seminar on Fixed Mobile Convergence and new network architecture for the Arab Region



Tunis, Tunisia, 21-24 November 2005

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>THIS IS THE WAY

Shaping the Future: Mobile Network Evolution to NGN -Additional Material

John Visser, P.Eng. Sr. Mgr., International Network Standards Tunis, Tunisia, 21-24 November 2005

>THIS IS NERTEL

Additional Material



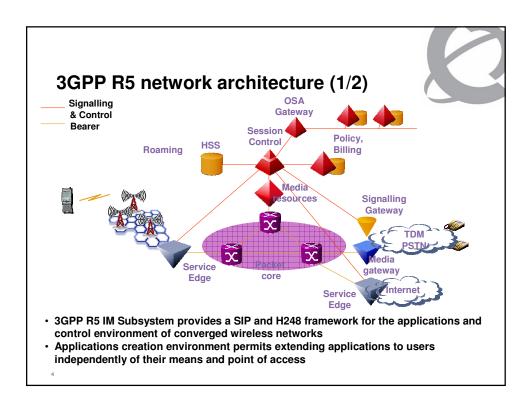
> Animated charts

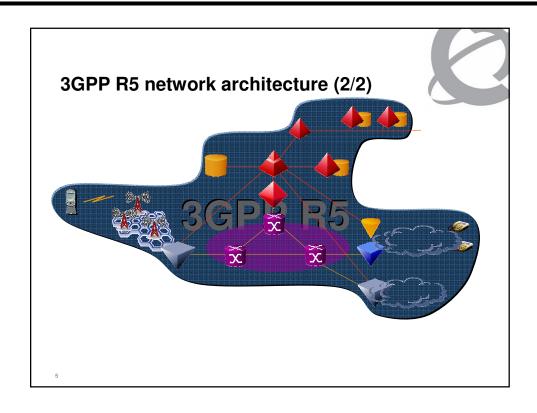
• provided as series of individual charts since pdf files do not handle PowerPoint animations well

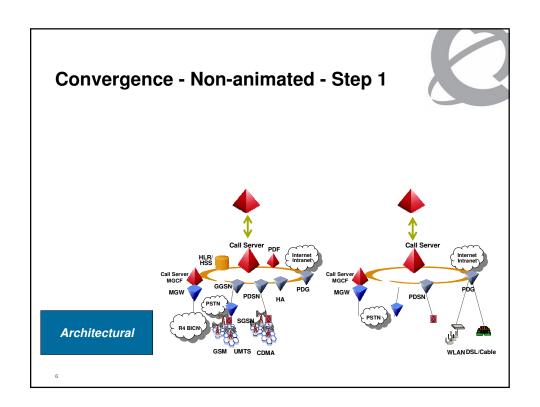
> Acronyms

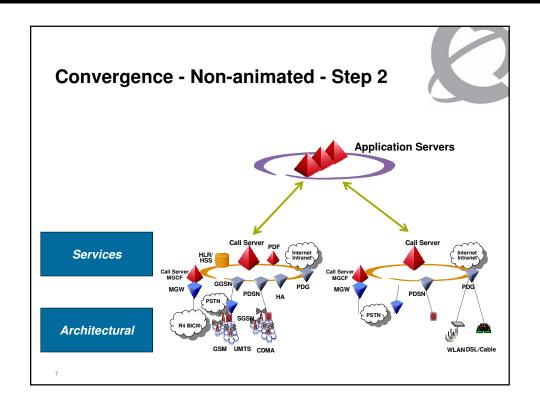
• Telecom presentations are acronym intensive!

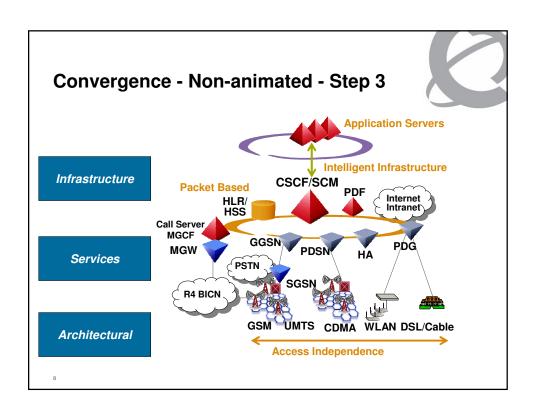
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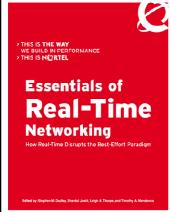
Selected Acronyms



3G	Third Generation	MGCF	Media Gateway Control Function
3GPP(2)	Third Generation Partnership Project (2)	MGW	Media Gateway
BICN	Bearer Independent Core Network	NGN	Next Generation Network
CDMA	Code Division multiple Access	PC	Personal Computer
CSCF	Call State Control Function	PDA	Personal Digital Assistant
DECT	?? Digital Electronic Cordless Telephony	PDF	Packet Data Function
FA	Foreign Agent	PDG	Packet Data Gateway
GGSN	Gateway GPRS Support Node	PDSN	Packet Data Serving Node
GII	Global Information Infrastructure	POTS	Plain Old Telephone Service
GPRS	General Packet Radio Service	PSTN	Public Switched Telephone Network
GSM	Global System for Mobility	QoS	Quality of Service
HA	Home Agent	SCM	Session Control Manager
HLR	Home Location Register	SGSN	Serving GPRS Support Node
HSS	Home Subscriber Server	SIP	Session Initiation Protocol
IMS	IP Multimedia Subsystem	SLA	Service Level Agreement
IP	Internet Protocol	UMTS	Universal Mobile Terrestrial Access
ISDN	Integrated Services Digital Network	WLAN	Wireless Local Area Network
ISV	Independent Software Vendor	WWAN	Wireless Wide Area Network
LAN	Local Area Network		

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Nortel knows "real-time" networking!