



























































Why NGN?											
3- Bandwidth Saving (CS domain)											
Transport Bandwidth Efficiency (from R4 & beyond)											
	<										
	transport type kb/s per channel	G711 over TDM (reference)	AMR over ATM AAL2	AMR over POS IP V4	AMR over POS IP V6	AMR over GE IP V4	AMR over GE IP V6	AMR over IP V4 over ATM AAL5	AMR over IP V6 over ATM AAL5	G711 over ATM AAL2	
	kb/s per <b>voice</b> channel	64	15	34	44	49	59	51	51	85	
	kb/s per 64kb data ch.	64	85	121	141	151	171	153	204	N/A	
ATM AAL2: the most efficient for both Voice and 64kb/s Data											
POS: the most efficient of the IP transport											
☑ 64kb/s Data: Packet transport brings degradation											
but data traffic on Cs should be low w/r to voice traffic											
Ļ											
	- Mobile Network Evolution to NGN — 31 All rights reserved © 2005, Alcatel										

Г











