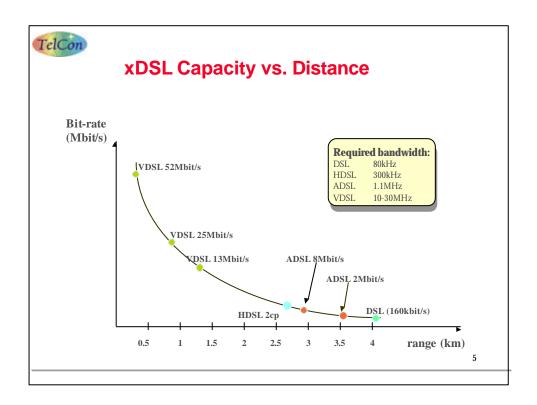
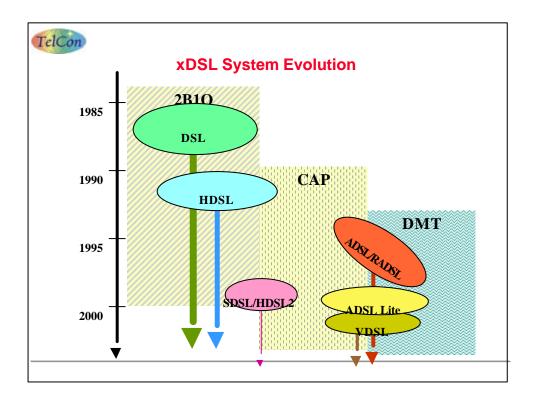
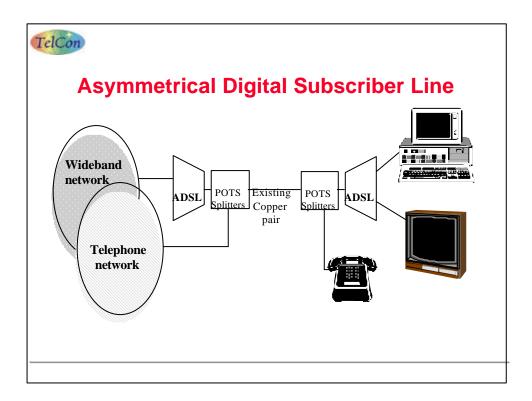


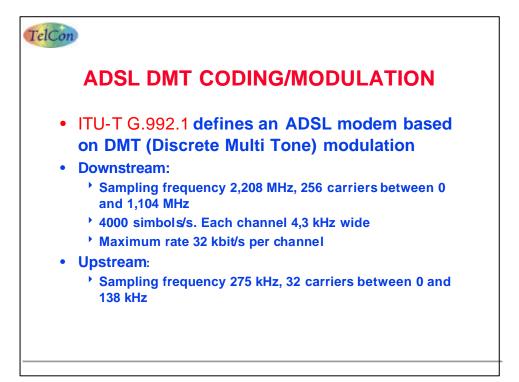
TelCon	
	xDSL Flavours
HDSL	High bit-rate DSL
	2Mbit/s over 2 cp, 2B1Q code
SDSL	Symmetric DSL
	up to 2Mbit/s, 1 cp + POTS, CAP & 2B1Q code
ADSL	Asymmetric DSL
	up to 8Mbit/s down, 1Mbit/s up + POTS, 1 cp, CAP & DMT code
VDSL	Very high bit-rate DSL
	52, 26 or 13Mbit/s down, 2Mbit/s up + POTS (or ISDN), 1 cp, CAP & DMT code
	3

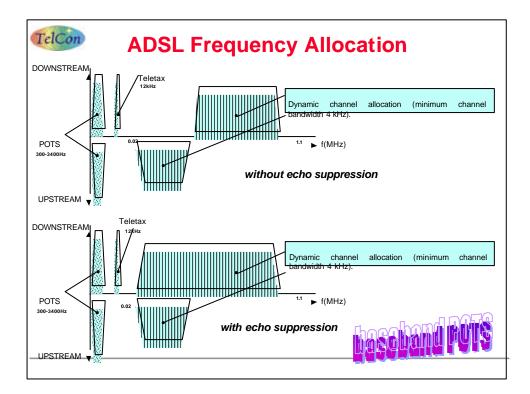


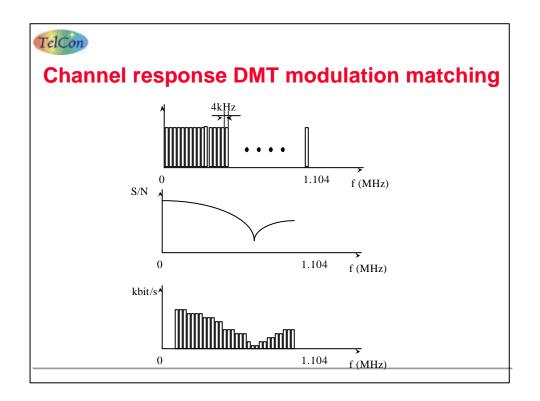


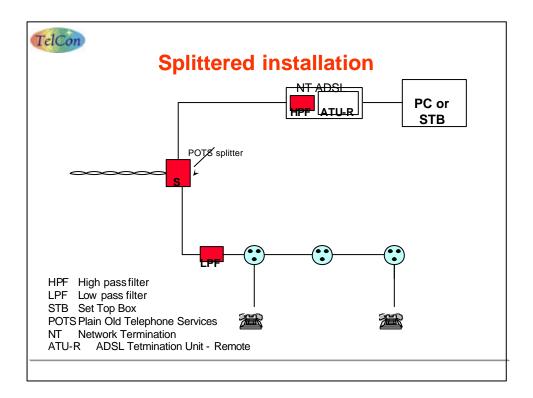


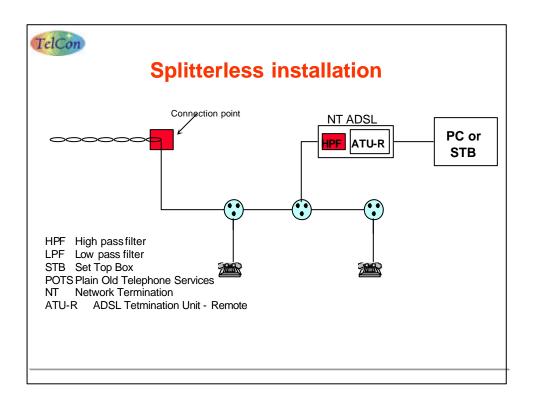


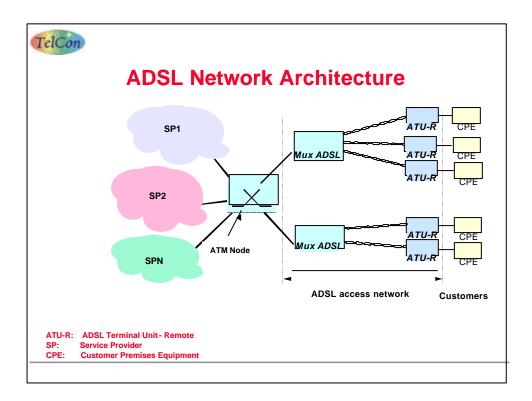


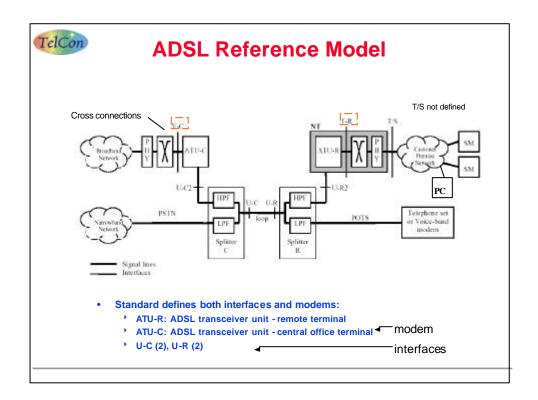




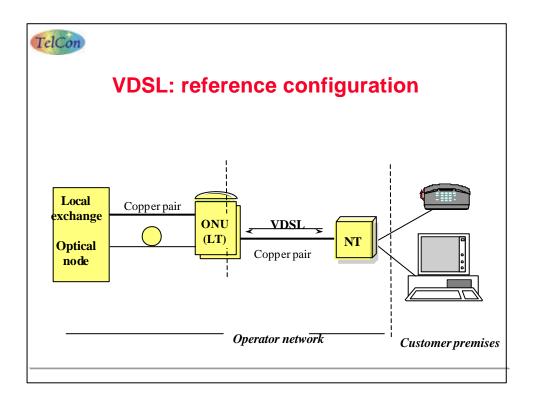




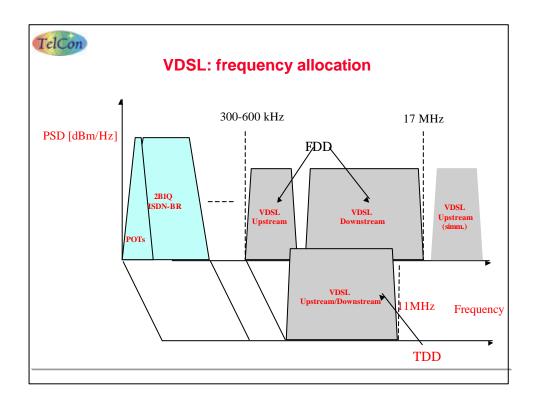


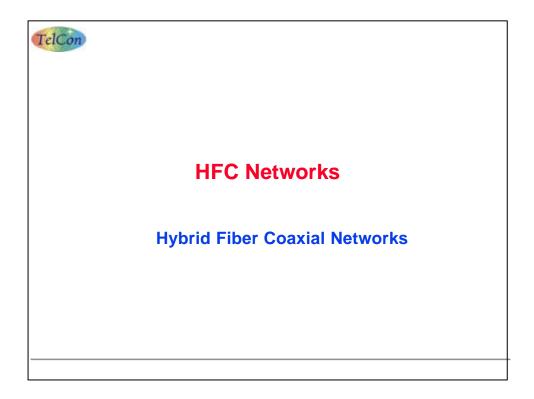


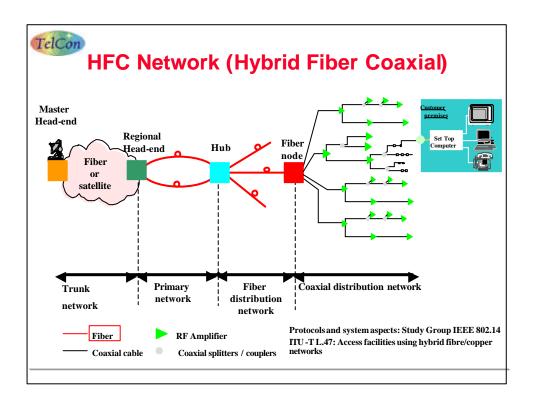


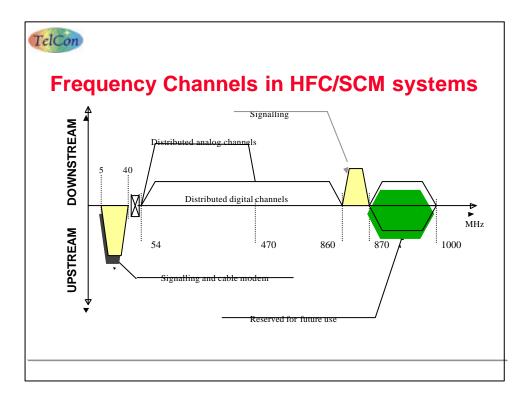


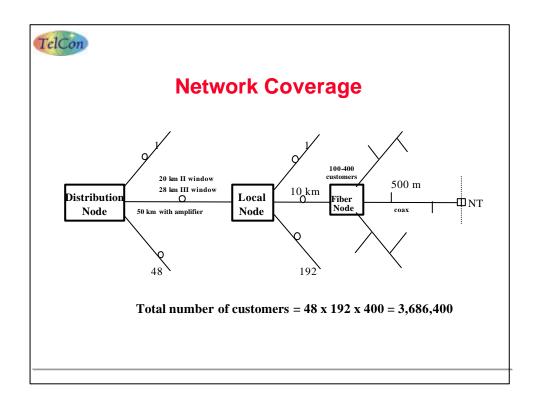
	us rates, b	oth for a							
• ETSI standard defines various rates, both for symmetrical and asymmetrical data streams:									
SYMMETRICAL TRAFFIC			ASYMMETRICAL TRAFFIC						
stance (m)	Bitrate (M	/lbit/s)	Distance (m)						
< 500	Down	Up							
< 600	23	4	< 700						
< 800	14	3	< 1100						
< 1000	8	2	< 1300						
< 1200	6	2	< 1400						
< 1200	U	2	< 1400						
	stance (m) < 500 < 600 < 800 < 1000	Stance (m) Bitrate (N < 500	Stance (m) Bitrate (Mbit/s) < 500						

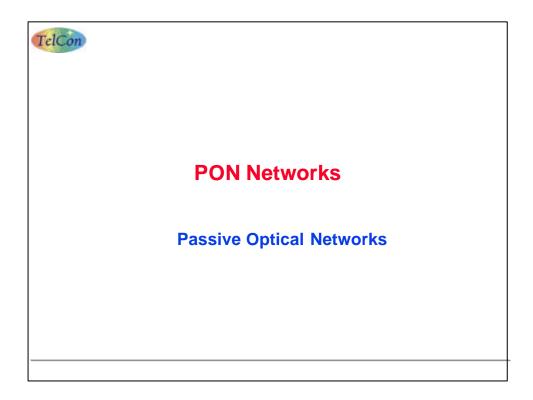


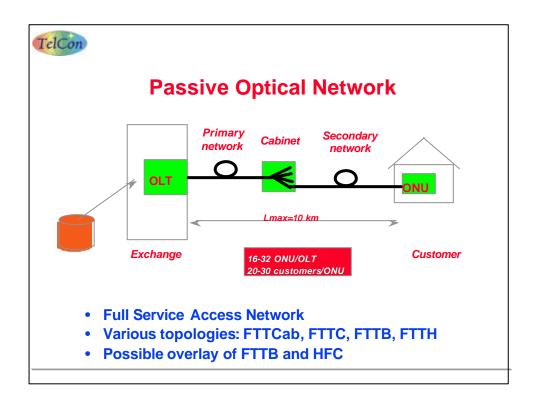


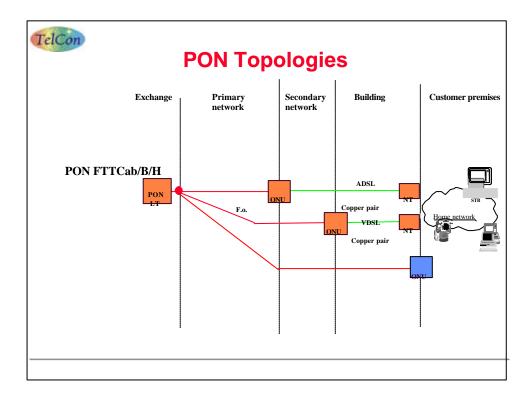


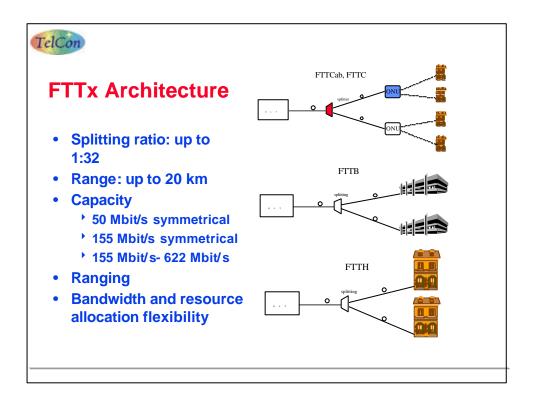


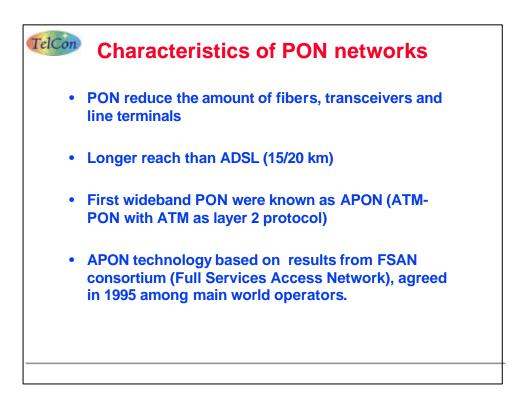


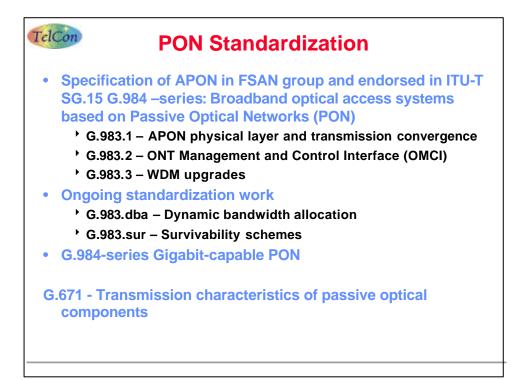


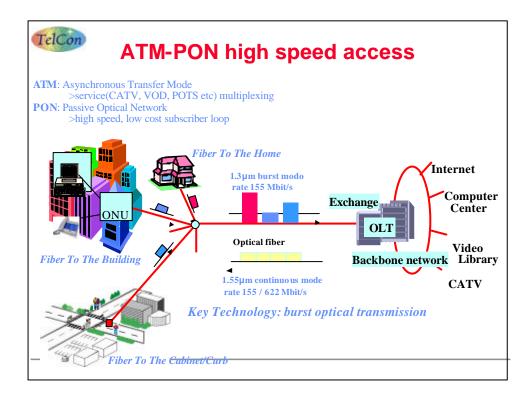


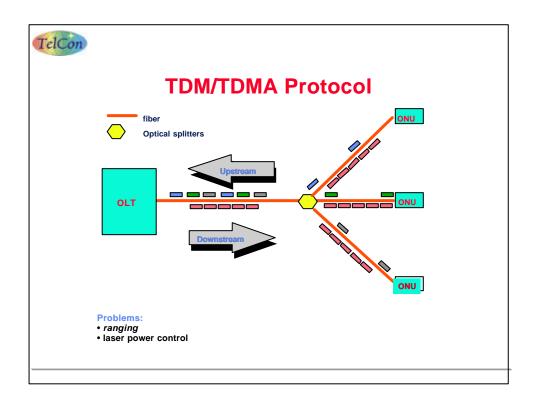


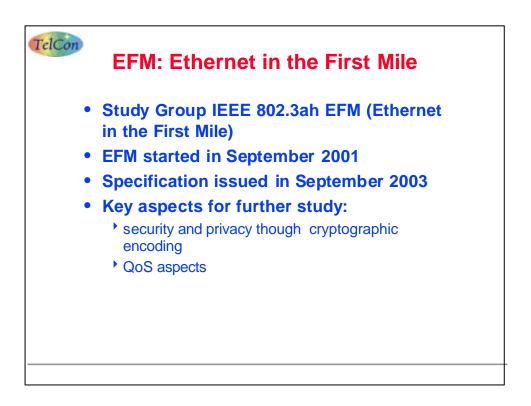


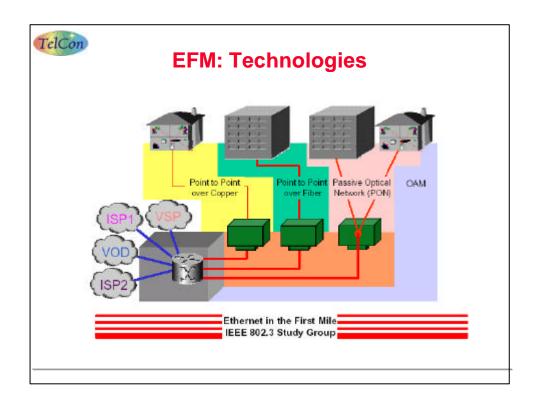


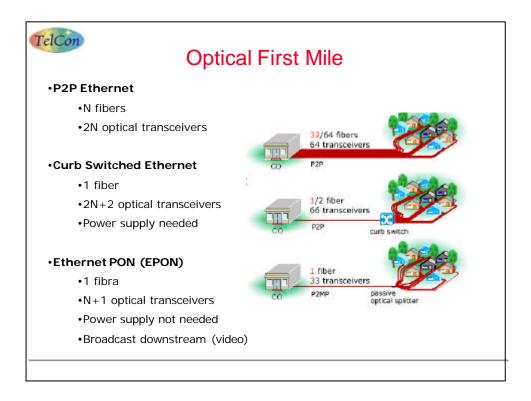


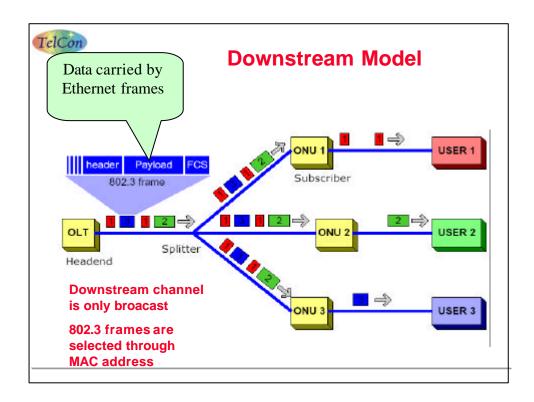


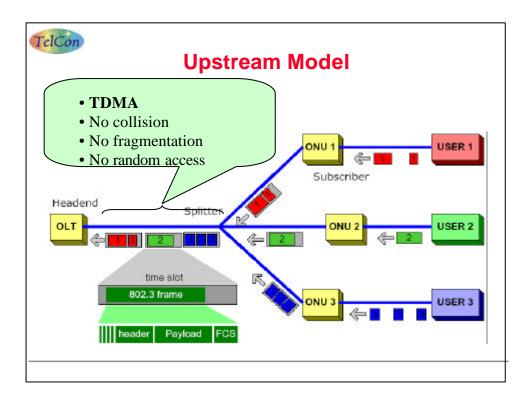


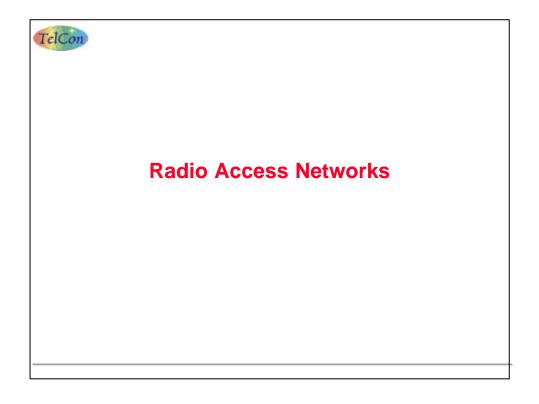


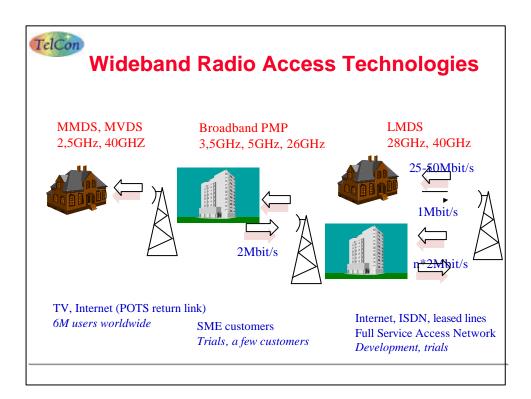


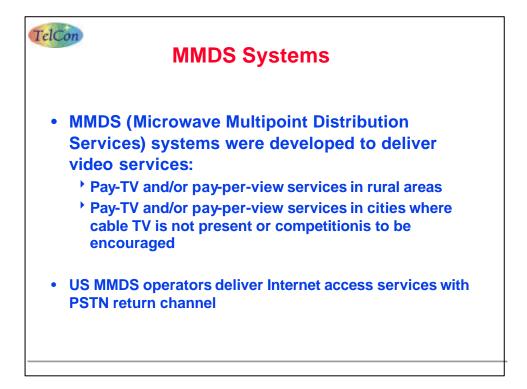


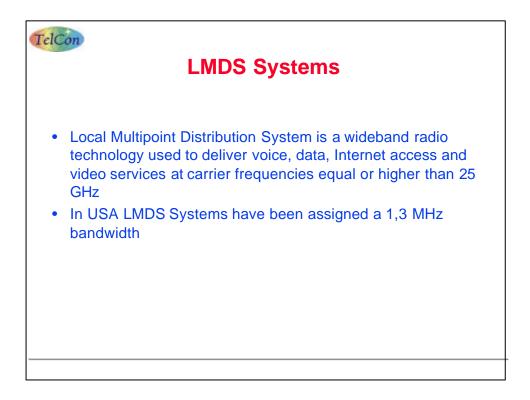


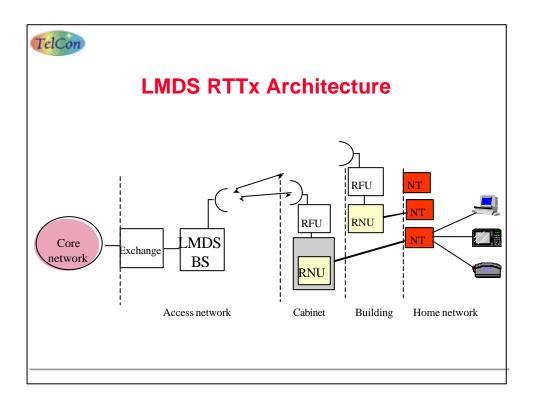


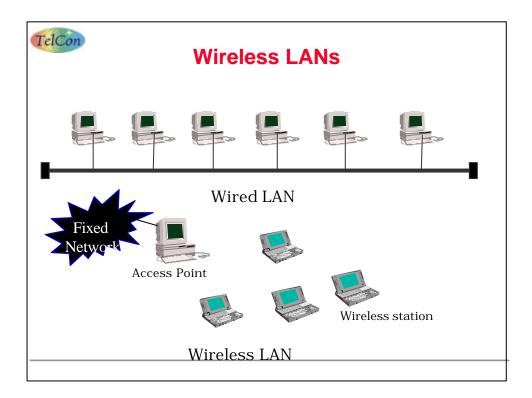


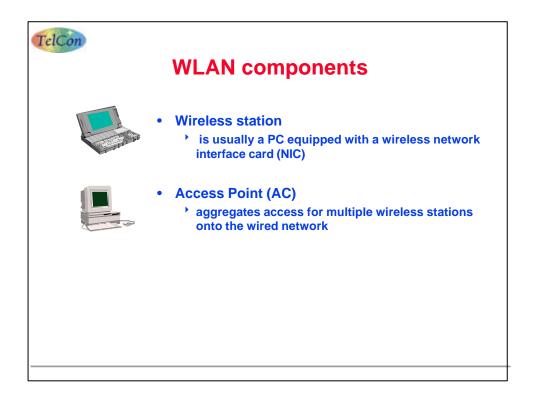


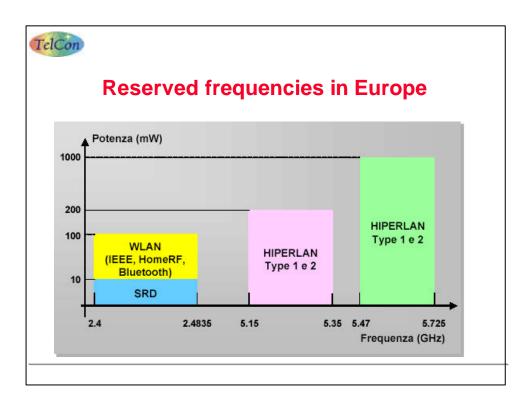


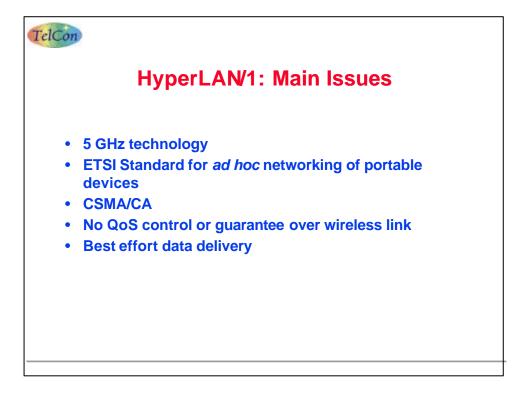


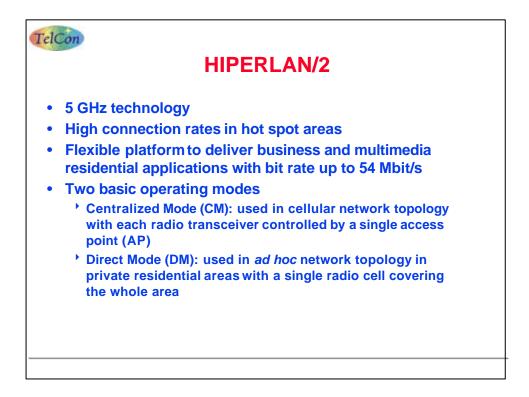


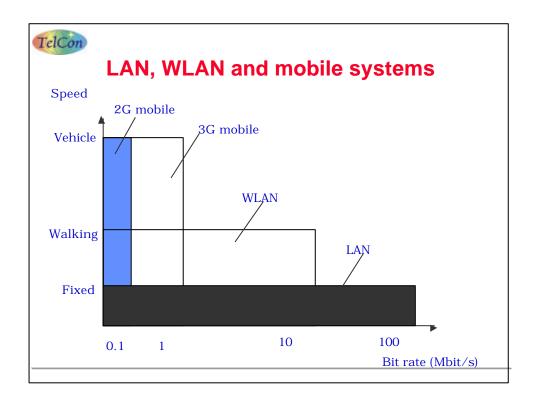


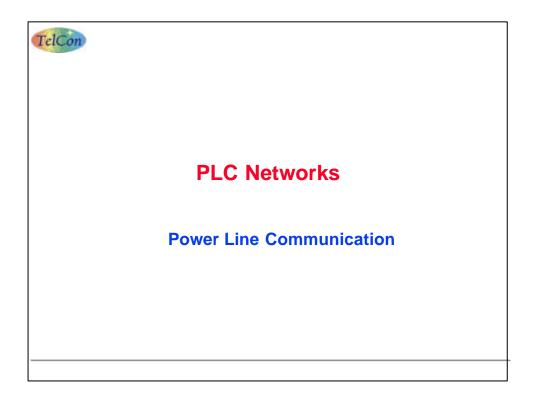


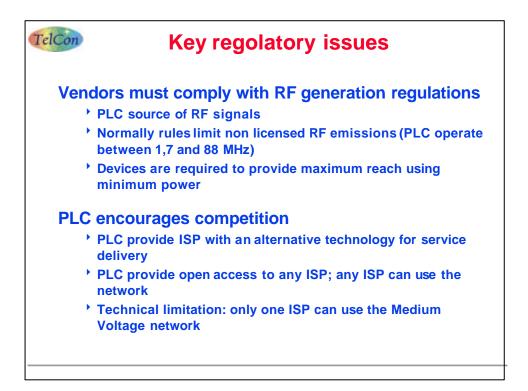


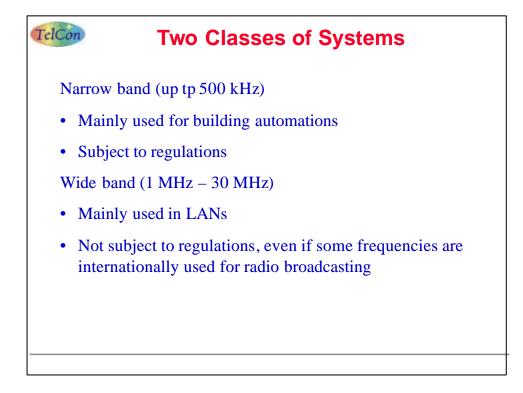


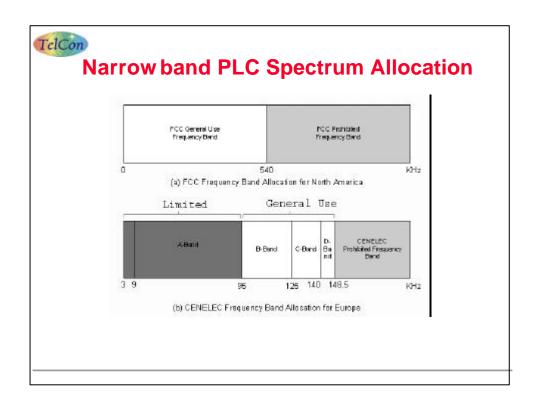












	Standard	Technology	Vendor
Narrow band 0-500 kHz	X-10	X-10	X-10
	CEBus	PL-I, CEWay	Domosys
		SSC P300	Intellon
	Lonworks	Neuron Chip	Echelon
	Powerbus	PowerBus	Domosys
Wide band 1-100 MHz	Powerstream	Powerstream	Adaptive Networks
	Homeplug Alliance	Piranha Chipset	Cogency
		Powerpacket	Intellon