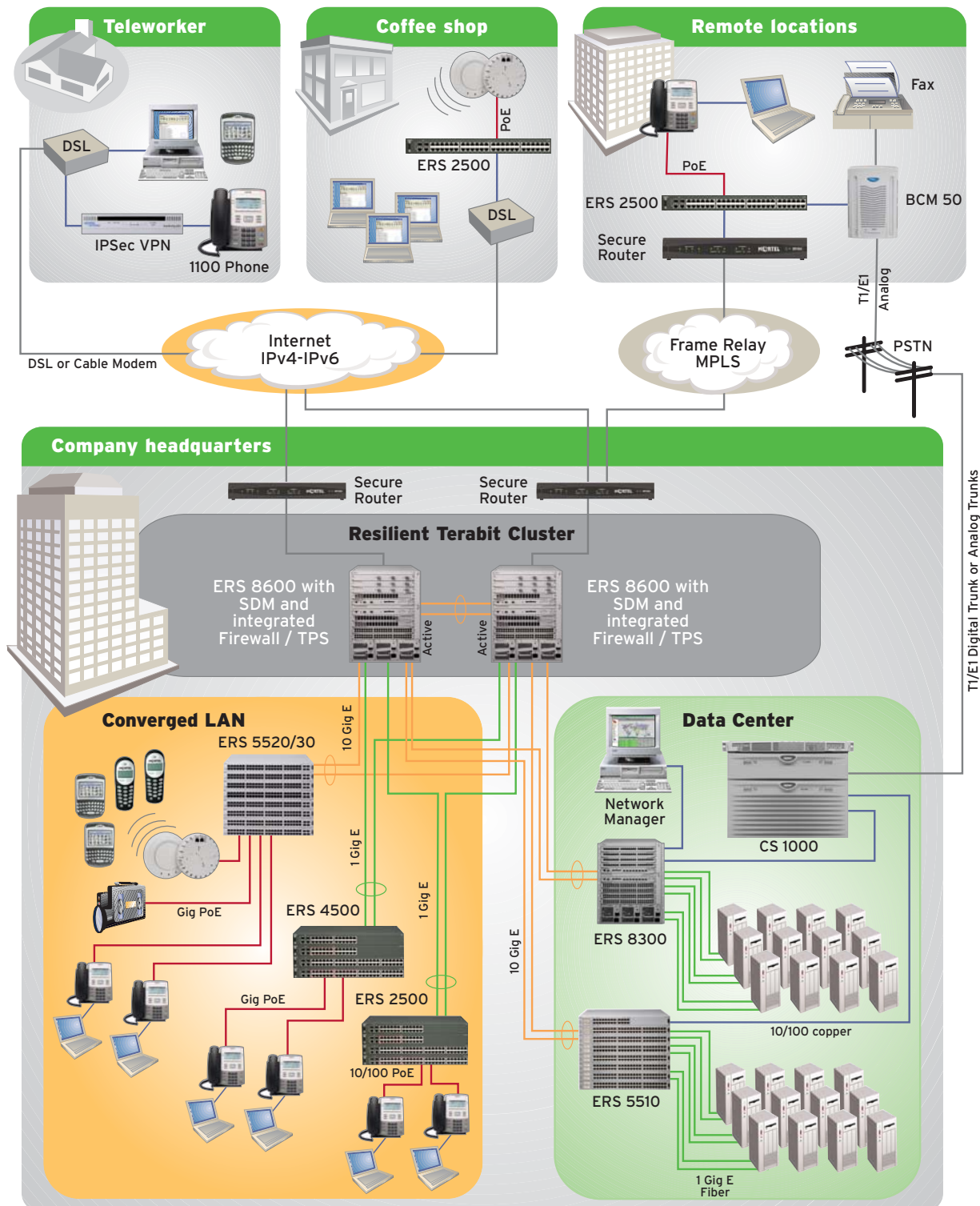




Nortel Enterprise Converged Networking



Q4 2007

Q4 2007	Nortel Ethernet Switching Matrix	EDGE SWITCHING																EDGE & SMALL / MED CORE SWITCHING									CORE			
		STACKABLE																FIXED				CHASSIS								
		Ethernet Routing Switch 2526T	Ethernet Routing Switch 2526T-PWR	Ethernet Routing Switch 2550T	Ethernet Routing Switch 2550T-PWR	Ethernet Routing Switch 4526FX	Ethernet Routing Switch 4526T	Ethernet Routing Switch 4526T-PWR	Ethernet Routing Switch 4550T	Ethernet Routing Switch 4550T-PWR	Ethernet Routing Switch 4524GT	Ethernet Routing Switch 4526GTX	Ethernet Routing Switch 4526GTX-PWR	Ethernet Routing Switch 4548GT	Ethernet Routing Switch 4548GT-PWR	Ethernet Routing Switch 5510-24T	Ethernet Routing Switch 5510-48T	Ethernet Routing Switch 5520-24T-PWR	Ethernet Routing Switch 5520-48T-PWR	Ethernet Routing Switch 5530-24TFD	Ethernet Routing Switch 1648T	Ethernet Routing Switch 1612T	Ethernet Routing Switch 1624T	Ethernet Routing Switch 8300 Module	Ethernet Routing Switch 8306 Switch Chassis	Ethernet Routing Switch 8310 Switch Chassis	Ethernet Routing Switch 8600 Module	Ethernet Routing Switch 8606 Switch Chassis	Ethernet Routing Switch 8610 Switch Chassis	
100FX ports	-	-	-	-	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	96	192	24	96	192
10/100 ports	24	12	48	24	-	24	-	48	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-	48	192	384	48	192	384
10/100 PoE ports (IEEE 802.3af)	-	12	-	24	-	-	24	-	48	-	-	-	-	-	-	-	-	-	-	-	48	192	384	-	48	192	384	48	-	-
10/100/1000 ports	2 ³	2 ³	2 ³	2 ³	2 ⁴	2 ⁴	2 ⁴	2 ⁴	2 ⁴	24	24	-	-	48	-	24	48	-	-	24 ⁴	-	-	-	-	48	192	384	48	192	384
10/100/1000 PoE ports (IEEE 802.3af)	-	-	-	-	-	-	-	-	-	-	-	24	-	48	-	-	24	48	-	-	-	-	-	-	48	192	384	-	-	-
1000BaseTX ports	2 ⁸	2 ⁸	2 ⁸	2 ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	192	384
Gigabit ports (GBIC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	32	64
Gigabit ports (SFP)	2 ⁴	2 ⁴	2 ⁴	2 ⁴	2 ⁴	2 ⁴	2 ⁴	2 ⁴	2 ⁴	4 ⁴	4 ⁴	4 ⁴	4 ⁴	4 ⁴	2 ⁴	2 ⁴	4 ⁴	4 ⁴	12 ⁴	4	12	24	48	208 ⁴	400 ⁴	30	120	240	-	-
10 Gigabit ports (XFP)	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	2	-	-	-	-	8	36	68	3	12	24	
Switch Architecture (Gb/s)*1	12.8	12.8	15.6	15.6	48.8	48.8	48.8	77.6	77.6	88	128	128	184	184	160	160	160	160	160	160	16	24	48	-	272	464	-	720	720	
Switch Cluster (SMLT Gb/s)*2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1240	1240	1240	1240	1240	1240	32	48	96	-	544	928	-	1440	1440	
Stack Bandwidth (Gb/s)	32	32	32	32	320	320	320	320	320	320	320	320	320	320	640	640	640	640	640	640	-	-	-	-	-	-	-	-	-	-
Maximum Forwarding Rate (Mpps)	6.6	6.6	10.2	10.2	6.6	6.6	10.2	10.2	10.2	36	66	66	72	72	35.7	71.4	35.7	71.4	65.5	-	-	-	-	202	345	-	179	360	-	-
# 802.1Q VLANs	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	2k	2k	2k	4k	4k	4k	4k ¹	4k ¹	4k ¹	
# MAC Address	16K	16K	16K	16K	8K	8K	8K	8K	8K	8K	8K	8K	8K	8K	16k	16k	16k	16k	16k	16k	8k	8k	8k	16k	16k	16k	64k	64k	64k	
# Hardware queues	4	4	4	4	4	4	4	4	4	4	4	4	4	4	8	8	8	8	8	8	4	4	4	8	8	8	8	64 ¹ </		

*7 - ERS 8600 supports 8 queues on copper modules and 64 queues for qig and 10GE modules

NN117720-111307

