

Network Trouble Shooting (Modem Indications)

S.No	ROUTER		MODEM					LAN EXTENDER				SWITCH		PC		Remarks/Action
	Status	Power	AC T	Power	TD	RD	LOS	Power	AC T	WAN/D SL	LAN/ ETH	Power	Port	Monitor(IC ON)	CPU (NIC Card)	
1.	Normal Working	Green	Flickering	Green	Flickering	Flickering	No	Green	Green	Flickering	Flickering	Red	Green	Present	Flashing	Normal working
2.	LAN Disabled	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Absent	Absent	LAN Disabled in PC. Enable the LAN
3.	LAN Cable Unplugged/LAN Cable disconnected	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Cross Mark in ICON	Absent	Check LAN Cable, RJ45 and CAT Cable continuity. Test NIC Card by Ping 127.0.0.1 also
4.	Switch Port Failure	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	LED not Glowing	Cross Mark in ICON	Absent	Change the port
5.	Switch power OFF	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Absent	LED not Glowing	Cross Mark in ICON	Absent	Check Power Supply

		ROUTER		MODEM				LAN EXTENDER				SWITCH		PC		
S.No	Status	Power	AC T	Power	TD	RD	LOS	Pow er	AC T	WA N/D SL	LAN/ ETH	Powe r	Port	Monit or(IC ON)	CPU (NIC Card)	Remarks/Action
7.	DSL/WA M No Indication	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Abse nt	Yes	Yes	Yes	Yes	Yes	Local Cable Pair disconnected. Check Line and RJ 11 Card. Reset the modem. Check Modem Configuration also.
8.	ACT Not Glowing	Yes	Yes	Yes	Yes	Yes	No	Yes	Abs ent	Abse nt	Yes	Yes	Yes	Yes	Yes	Modem Not Sync. Check Cable Pair. Check Modem configuration. Reset and Re-configure the modem
9.	No Power in Lan Extender	Yes	Yes	Yes	Yes	Yes	No	Abs ent	Abs ent	Abse nt	Absen t	---	---	Cross Mark in ICON	No	Check Power to Lan Extender

		ROUTER		MODEM				LAN EXTENDER				SWITCH		PC		
S.No	Status	Power	AC T	Power	TD	RD	LOS	Power	AC T	WAN/D SL	LAN/ETH	Power	Port	Monitor(IC ON)	CPU (NIC Card)	Remarks/Action
11.	No RD in V.35	Yes	Yes	Yes	Yes	No	No	---	---	----	-----	Yes	Yes	Yes	Yes	No Data from G.703. Local wiring at G.703 May be problem
12.	No TD in V.35	Yes	Yes	Yes	No	Yes	No	---	---	----	-----	Yes	Yes	Yes	Yes	No Data from Router. Check V.35 Cable. Sometimes Router Port may faulty
13.	No RD in G.703	Yes	Yes	Yes	Yes	No	No	---	---	----	-----	Yes	Yes	Yes	Yes	No Data from V.35. Local wiring at V.35 May be problem
14.	No TD in G.703	Yes	Yes	Yes	No	Yes	No	---	---	----	-----	Yes	Yes	Yes	Yes	No Data from MUX Side. Channel problem