

# MTCTE PRODUCTS ROADMAP

No.	Product Category	Date of Implementation	Scheme
1	2- Wire Telephone Equipments	<b>MTCTE PHASE 1</b> In Force from July 2019	SCS
2	G3 Fax Machine		SCS
3	Modem		SCS
4	Cordless Telephone		GCS
5	ISDN Customer Premises Equipment		SCS
6	Private Automatic Branch Exchange		GCS
1	PON Family of Broadband Equipment	<b>MTCTE PHASE 2</b> Implementation date 1st October 2020	GCS
2	Transmission Terminal Equipment ( SDH and MUX)		GCS
3	Feedback Device		GCS
1	Base Station for Cellular Network	<b>MTCTE PHASE 3</b> Implementation date 1st July 2022	GCS
2	Repeater for Cellular Network		GCS
3	Compact Cellular Network		GCS
4	Smart Camera		GCS
5	Smart Watch		GCS
6	Smart Electricity Meter		GCS
7	Tracking Device		GCS
8	IoT Gateway		GCS
9	End Point Device for Environmental Monitoring		GCS
10	Equipments Operating in 2.4 GHz and 5 GHz Band		GCS
1	Transmission Terminal Equipment ( DWDM and DXC)	<b>MTCTE PHASE 4</b> Implementation date 1st July 2022	GCS
2	Optical Fiber ( Single Mode)		GCS
3	Satellite Communication Equipments		GCS
4	Radio Broadcast Receiver		GCS
5	Mobile Radio Trunking System		GCS
6	HF Radio		GCS
7	VHF UHF Radio System Equipments		GCS
8	PTP PMP Microwave Fixed Radio Systems		GCS
9	IP Security Equipment		GCS
10	Router		GCS
11	LAN Switch		GCS
12	Precision Timing Protocol Grand Master Equipment		GCS
13	IP Multi Media Conferencing Equipment		GCS
14	Mobility Management Entity (MME)		GCS
15	Point of Sale Devices		GCS
16	Conferencing Equipment		SCS
17	Signalling Gateway		GCS
18	Media Gateway		GCS
19	Softswitch		GCS
20	DSL Equipments		GCS
21	Session Border Controller		GCS
22	Base Station Controller (BSC)/Radio Network controller (RNC)	<b>MTCTE PHASE 4</b> Implementation date 1st July 2022 ER documents under study	
23	Mobile Switching Centre (MSC)IMSC-Server (MSC-SJ/Gateway MSC (GMSC)/Gateway MSC-Server (GMSC-S){including Visitor Location Register (VLR)}MSC/ MSC Server		
24	Equipment Identity Register (EIR)		
25	Subscriber Identity Module (SIM)		
26	OTA Platform and Device Manager Platform/FOTA		
27	Home Location Register (HLR)   Home Subscriber Server (HSS) / Authentication Centre (Auc)		
28	Serving GPRS Support Node (SGSN)  Gateway GPRS Support Node (GGSN)		
29	Serving Gateway (S-GW) / Packet Gateway (P-GW)		
30	Short Message Service Center (SMSC)		
31	Cell Broadcast Centre (CBC)		
32	Service Control Point (SCP)		
33	Operation Maintenance Center(OMC) / Element Management System (EMS)/ Network Management System (NMS)/ Operation Support Systems (OSS)		
34	Gateway Mobile Location Centre (GMLC)		
35	Serving Mobile Location Centre (SMLC)		
36	Optical Fibre Cable		
37	Infiniband Switch		