

RWANDA NATIONAL TELECOMMUNICATIONS NUMBERING PLAN.

1-COUNTRY CODE

1.1 Country Code = +250

1.2 International Prefix = 000

1.3 Regional (EAC) Prefixes:

Regional Code	Country	Dialling Format
001	Spare	-
002	Spare	-
003	Burundi	003+NDC+SN
004	Rwanda	004 + SN
005	Kenya	005 + NDC + SN
006	Uganda	006 + NDC + SN
007	Tanzania	007 + NDC + SN
008	Spare	-
009	Spare	-

SN = Subscriber Number.

NDC= National Destination Code.

2- EMERGENCY AND SHORT SERVICE CODES

2.1 Customer Assistance/Enquiry

Short Code	Application	Accessibility
100	Customer Enquiry (English)	All Networks
101	Customer Enquiry (French)	All Networks
102	Customer Enquiry (Rwandese)	All Networks
103 - 109	Spares	-
456	Customer Enquiry	All Networks

2.2-Life and Safety Services

Short Code	Application	Accessibility
110	Maritime	All Networks
111	Fire	All Networks
112	Police	All Networks
113	Spares	-
114	Health Delivery QoS	All Networks
115	CHIS-IVR	All Networks
116	Child Helpline	All Networks
117-119	Spares	-

2.3- Voice Mail

Short Code	Application	Accessibility
120	Spare	All Networks
121	Voice Mail Deposit	All Networks
122	Spare	-
123	Voice Mail Retrieval	All Networks
124 - 129	Spares	-

2.4-Billing Information

Short Code	Application	Accessibility
130	Recharge	All Networks
131	Balance Check	All Networks
132-137	Spares	
138	Recharge within EAC	AIRTEL
139	Spare	

2.5-Other Public Short Code Services

Short Code	Application	Accessibility
140 - 169	Spares	-
170	MIDIMAR	All Networks
171-198	Spares	-
199	OMBUDSMAN	All Networks

3-SUBSCRIBER NUMBERING

3.1 Fixed-Line Networks & Services

The approved National Telecommunications Numbering Plan utilizes digit 2 for the fixed-line Networks & Services in the Republic of Rwanda

Network Code	Operator	Number of Digits	Remarks
21	-	-	Available
22	Tigo Rwanda	9	
23	Airtel Rwanda	9	
24	-	-	Available
25	Rwandatel	9	
26	New Artel	9	
27	-	-	Available
28	MTN Rwanda	9	
29	-	-	Available

3.2 Cellular Mobile Networks & Services

The approved Numbering Plan as per the ITU Recommendations, utilizes digit 7 for the Cellular Mobile networks licensed to operate in the Republic of Rwanda.

Network Code	Operator	Number of Digits	Remarks
070	-	-	Available
071	-	-	Available
072	Tigo Rwanda	10	
073	Airtel Rwanda	10	
074	-	-	Available
075	-	-	Available
076	-	-	Available
077	-	-	Available
078	MTN Rwanda	10	
079	-	-	Available

4 –SIGNALLING SYTEM No.7 POINT CODES

4.1 International Signalling Point Codes (ISPC's).

The country's Signal Area/Network Codes (SANC) for Rwanda are **6-070 and 6-071**; therefore the International Signalling Point Codes (ISPC's) have been assigned as shown below:

ISPC (3-8-3)	ISPC (Decimal)	Assignee/ Operator	Name of the Node	Physical Location	Network Indicator(NI)	Remarks
6-070-0	12848	Rwandatel	DMS 100	Kiyovu	INT	
6-070-1	12849	Rwandatel	NMSC Switch	Kiyovu	INT.	
6-070-2	12850	MTN Rwanda	NMSC Switch 1	Nyarutarama	INT.	
6-070-3	12851	MTN Rwanda	NMSC Switch 2	Kiyovu	INT.	
6-070-4	12852	-	-	-	-	Available
6-070-5	12853	Rwandatel	SG7KGL2		INT.	
6-070-6	12854	Tigo Rwanda	MGW PC	Nyarutarama	INT.	
6-070-7	12855	Tigo Rwanda	NNGW1	Nyarutarama	INT.	
6-071-0	12856	Airtel Rwanda				
6-071-1	12857	Airtel Rwanda				
6-071-2		-				Available
6-071-3		-				”
6-071-4		-				”
6-071-5		-				”
6-071-6		-				”
6-071-7		-				”

4.2 National Signalling Point Codes (NSPC's)

NSPC (3-8-3)	NSPC (Decimal)	Assignee/ Operator	Description	Name of the Node	Network Indicator	Remarks
0-160-0	1280	Rwandatel	SP of MGW1	MGGKGL1	NATB	
0-160-1	1281	“	SP of MGW2	MGGKGL2	NATB	
0-160-3	1283	“	-	SG7KGL1	NATB	
0-160-4	1284	“	-	FSXKGL1	NATB	
0-162-0	1296	“	SP of BSC1	BSCKGL1	NAT	
0-162-2	1298	“	SP of BSC2	BSCKGL2	NAT	
0-162-4	1300	“	-	MGGKGL1	NAT	
0-162-6	1302	“	-	MGGKGL2	NAT	
0-163-0	1304	”	SP of MSOFTX3000	MSGKGL1	NAT	
0-163-4	1308	Rwandatel		HLRKGL1	NAT	
0-163-5	1309	“	SP of GGSN	GGSNKGL1	NAT	
0-163-7	1311	“	SP of SGSN	SGSNKGL1	NAT	
0-164-1	1313	”	-			
0-164-2	1314	“	SP of RNC1	RNCKGL1	NAT	
0-164-3	1315	“	SP of RNC2	RNCKGL2	NAT	
0-164-4	1316	“	SP of SCP	SCPKGL1	NAT	
0-164-5	1317	“	SP of SMC	SMCKGL1	NAT	
0-164-6	1318	“	-	SG7KGL1	NAT	
0-164-7	1319	“	-	FSXKGL1	NAT	
NSPC (3-8-3)	NSPC (Decimal)	Assignee/ Operator	Description	Name of the Node	Network Indicator	Remarks
0-160-7		MTN Rwanda			2	
0-161-0		”			2	
0-161-1		“			2	
0-163-0		“			2	
0-163-4		“	SP of HLR1		2	
0-164-1		“			2	
0-164-6		“			2	
0-164-7		“			2	
0-166-0		“			2	
0-167-0		“			2	
0-169-0		“			2	
0-169-2		“			2	
0-169-4		“			2	
0-171-7		”			2	
0-172-0		“			2	
0-173-7		“			2	
0-174-X		“			2	

NSPC (3-8-3)	NSPC (Decimal)	Assignee/ Operator	Description	Name of the Node	Network Indicator	Remarks
1-032-6		MTN Rwanda			2	
1-032-7		“			2	
1-033-X		“			2	
1-034-0		“			2	
1-034-1		“			2	
1-034-2		“			2	
1-034-3		“			2	
1-035-0		“			2	
1-035-1		“			2	
1-035-2		“			2	
1-035-3		“			2	
1-035-6		“			2	
1-046-4		“			2	
1-046-5		“			2	
1-046-6		“			2	
1-046-7		“			2	
1-047-0		“			2	
1-047-1		“			2	
1-047-2		“			2	
1-047-3		“			2	
1-050-2		“			2	
1-050-3		“			2	
1-050-4		“			2	
1-050-5		“			2	
1-059-2		“			2	
1-059-5		“			2	
1-119-2		“			2	
1-120-2		“			2	
1-120-3		“			2	
1-121-4		“			2	
1-121-5		“			2	
1-121-6		“			2	
1-122-1		“			2	
1-122-7		“			2	
1-123-0		“			2	
1-123-1		“			2	
1-123-2		“			2	
1-123-3		“			2	
NSPC (3-8-3)	NSPC (Decimal)	Assignee/ Operator	Description	Name of the Node	Network Indicator	Remarks
0-165-X	1320-1327	Tigo Rwanda	NSPC	National PC	13	
0-168-X	1344-1351	”	NSPC	National PC	13	
0-170-X	1360-1367	”	NSPC	National PC	13	

NSPC (3-8-3)	NSPC (Decimal)	Assignee/Operator	Description	Name of the Code	Network indicator	Remarks
0-175-X	1400-1407	New Artel	NSPC			
0-176-X	1408-1415	“	NSPC			
0-177-X	1416-1423	“	NSPC			
0-178-X	1424-1431	Airtel Rwanda	NSPC			
0-179-X	1432-1439	Airtel Rwanda	NSPC			
0-180-X	1440-1447	Airtel Rwanda	NSPC			
0-181-X	1448-1455	Airtel Rwanda	NSPC			
0-182-X	1456-1463	Airtel Rwanda	NSPC			
0-183-X	1464-1471	Airtel Rwanda	NSPC			
0-184-X	1472-1479	Airtel Rwanda	NSPC			

5 - MOBILE NETWORK CODES (MNC's).

The Mobile Country Code (MCC) for Rwanda is **635**; therefore the Mobile Network Codes (MNC's) have been allocated as shown below:

MNC	Assignee/Operator	Network	Remarks
635-00 up to 635-09	-	-	Available
635-10	MTN Rwanda	GSM	
635-11	Rwandatel	CDMA	Not Operational
635-12	Rwandatel	GSM	Not Operational
635-13	Tigo Rwanda	GSM	
635-14	Airtel Rwanda Ltd	GSM	
635-15 up to 635-19	-	-	Available.

6- NATIONAL NETWORK COLOUR CODES

This is part of the Base Station Identification Code (BSIC) consisting of three (3) bits which are used to differentiate between operators in two neighbouring countries utilizing the same frequencies at the country border areas. The Regulatory Authority assigns 3 bits to the operators who will then formulate their Base Station Colour Code (BSCC).

In consultation with East African Communications Organization (EACO) Member States, All Telecom Operators in Rwanda was allocated 6 (110 in binary) as Network color code as part of the Base Station Identity Code (BSIC).

7-SIM HEADERS.

This is the Issuer Identification Numbers which are used to distinguish among multiple operating agencies within the country. For Rwanda, it is **89250XX**, where **89** is the Number assigned by the ITU for telecommunication-related cards, while **250** is the Country Code (CC) for Rwanda; **XX** is the identification code for specific operator cards which is assigned by the Regulatory Authority and then the operators formulate the next twelve (12) digits to make a 19 digit SIM card number.

SIM Header	Assignee/Operator	Network	Remarks
8925000 up to 8925009	-		Available
8925010	MTN Rwanda	GSM	
8925013	Tigo Rwanda	GSM	
8925014	Airtel Rwanda Ltd	GSM	
8925015 up to 8925019	-		Available

8 – DATA NETWORK IDENTIFICATION CODES (DNIC's)

This is a set of digits which is part of the Country Data Code identifying specific data network within the country.

The Data Country Code (DCC) for Rwanda is **635** and this code is used to generate Data Network Identification Codes (DNIC's) for the public Data Networks within the country and private Data Networks connected to the public Data Networks.

9-TOLL FREE & PREMIUM RATE ACCESS CODES

Toll free numbers identifies a service that is called free of charge, and the charge for using a toll free number is paid by the called party.

Toll free access codes have been allocated as follows:

Telecom Operator	Toll free prefix	Network services
MTN	080078XXXX	Mobile Cellular Network
	080028XXXX	Fixed Line Network
TIGO	080072XXXX	Mobile Cellular Network
	080022XXXX	Fixed Line Network
AIRTEL	080073XXXX	Mobile Cellular Network
	080023XXXX	Fixed Line Network

Premium Rate Access Code identifies a service that is charged at a rate higher than the normal price; normally the revenue from this service is usually shared between the network provider and the service provider.

Premium rate access codes have been allocated as follows:

Telecom Operator	Premium rate prefix	Network services
MTN	090078XXXX	Mobile Cellular Network
	090028XXXX	Fixed Line Network
TIGO	090072XXXX	Mobile Cellular Network
	090022XXXX	Fixed Line Network
AIRTEL	090073XXXX	Mobile Cellular Network
	090023XXXX	Fixed Line Network