



BSNL Phase V - EIR

Routing Configuration Required in BSNL Network



Document version: 2
Document date: 14-AUG-09
Reference:

RELEASED



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1 Introduction

1.1 Document goal

This document describes the configuration required in BSNL network (MSC, STP) to route the traffic to EIR for checking the IMEI upon Switch On Location Update.

The EIR is located in Ramdarbar Data Center in Chandigarh India.

Note: The configuration information provided in this document is for understanding the concept that the request to check the IMEI is to be sent to EIR.

The actual parameter/s in the network element to be configured shall be decided and implemented by the individual owners of the network element.

1.2 Intended audience

This document is to be read by all staff managing network elements (MSC, STP) in the BSNL network.

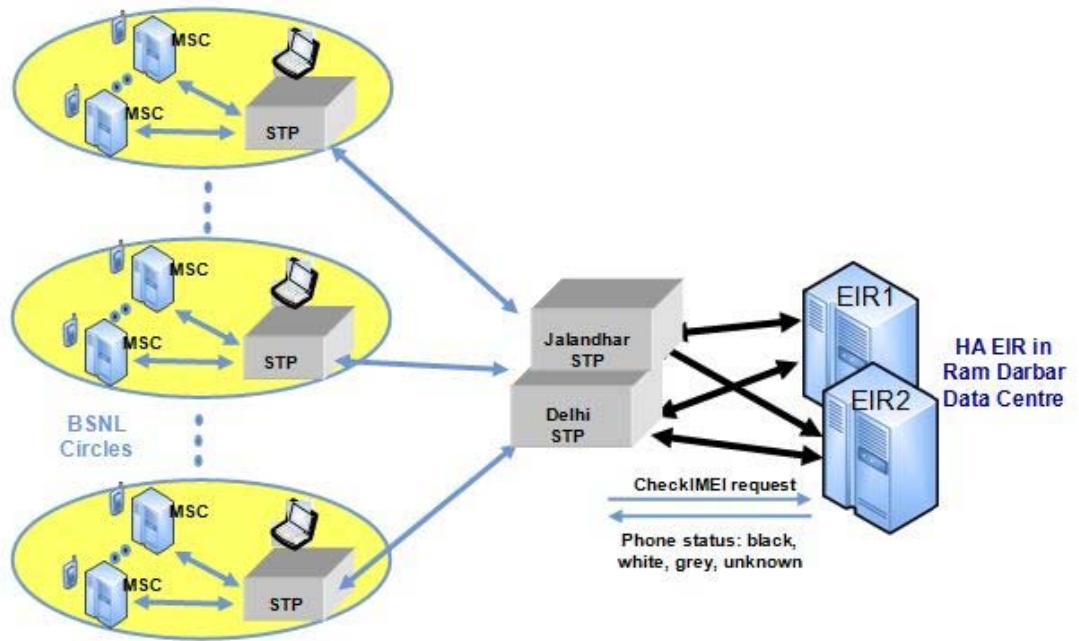
1.3 Glossary

Table 1 Product names

Name	Description	Previous name
AirGuard	Equipment Identity Register - Guarding against handset crime	EIR
AirManager Admin	Operations management for Airwide Solutions products	OMP



2 EIR – Solution Architecture



3 EIR Info

1. The EIR GT Number is **9465399991**
2. Ensure **GT based routing**
3. Routing to be done via Jalandhar and Delhi STP on a **load sharing basis**.
4. MSC to send CheckIMEI request to EIR on **Switch ON location update** (to send CheckIMEI along with IMSI if available)



4 EIR Questionnaire

1. MSC Name:
2. MSC Location:
3. MSC GT Code:
4. VLR GT Code:
5. Configured CheckIMEI Request Upon Switch ON location update – Y / N
 - a. What parameter has been configured in MSC to send CheckIMEI Request:
6. Configured CheckIMEI + IMSI – Y / N
 - a. What parameter has been configured in MSC to send CheckIMEI with IMSI Request:
7. Configured GT Based Routing – Y / N
8. Configured Routing to Jalandhar and Delhi STP on load sharing basis – Y / N
 - a. If No load sharing basis then to which STP is the routing configured – Jalandhar / Delhi



5 Indicative Parameter in MSC to be configured

5.1 Ericsson

- DBTSP:TAB=AXEPARS,SETNAME=GSMMSF,NAME=IMEICHECK; (It's value should be ONE)
- MGEAP; (EIR Address 4-919465399991 to be defined)
- MGEPP:ID=All;
- IMEICONTROLLU=1 (ENABLE IMEI Check at Location Update Time)
- C7GSP; (EIR GT to be Routed towards SSTP)

5.2 Nokia

- LOC-UP

5.3 Siemens

- EXLUPOWN
- EXLUPVST

5.4 Nortel

- "IMEI CONTROL PARM 249" IN TABLE OFCVAR
Determines IMEI check frequency and configured in Nortel MSC
- "ADD_IMSI_IMEI_IN_PLR Y" IN TABLE OFCVAR

Note: The actual parameter/s in the network element to be configured shall be decided and implemented by the individual owners of the network element. The parameters may differ depending on the versions / flavors of the individual network element.

