

Struggling with Roaming Revenue Losses?

With the increase in customer volume, Roaming Fraud is plaguing GSM Operators. Between 1% - 3% of an operator's revenue is lost to fraud each year. According to GSM Association, Roaming fraud is currently running at 24% of the total fraud amount. The GSMA Billing, Accounting, and Roaming Group (BARG) has recommended to replace the existing HUR process with the NRTRDE procedure and this is mandatory for all the GSMA members. Infozech NRTRDE Solution ensures you are able to meet this mandate successfully and cost-effectively.

Infozech NRTRDE solution empowers telecom service providers to combat Roaming Fraud. The Solution has a mechanism to report roaming subscriber activity to the Visited Public Mobile Network (VPMN) and enable the Home Public Mobile Network (HPMN) to detect high network usage and other fraud issue in near real-time.

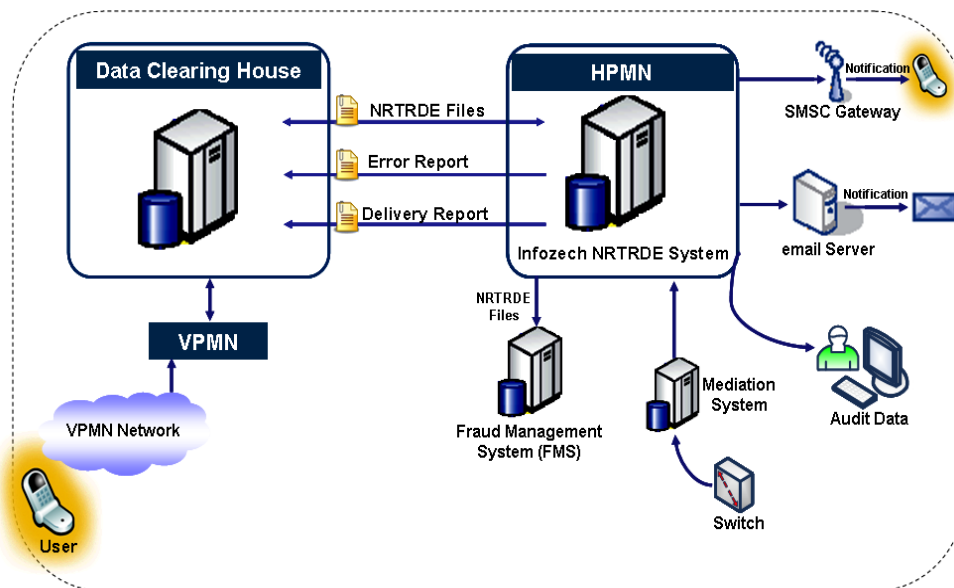


Fig 1: Infozech NRTRDE Architecture

Take control of Roaming Revenue losses by reducing Roaming Fraud to improve profitability

Business Benefits:

- Fully automated processing of NRTRDE files, generate delivery and error reports.
- Alarm function enables administrator to manage timely delivery of NRTRDE files within stipulated timeframe.
- Fully automated system that requires minimum resources to manage the system.
- Solution can easily integrate with existing Fraud Management System.
- Simple and quick deployment.

Features

- Collect the raw CDRs from the switch.
- Filter all the Roaming Transaction Records from Raw CDRs.
- Convert different format of CDRs into TD.35 format.
- Validate filename, syntax, column sequence as define.
- Support of all call record types (voice, data, GPRS, SMS).
- Limit Monitoring and Alarming.
- SLA Management:
 - File is delivered within the timeframe of 4 hours
 - All the CDRs files generated are sent to the HPMN

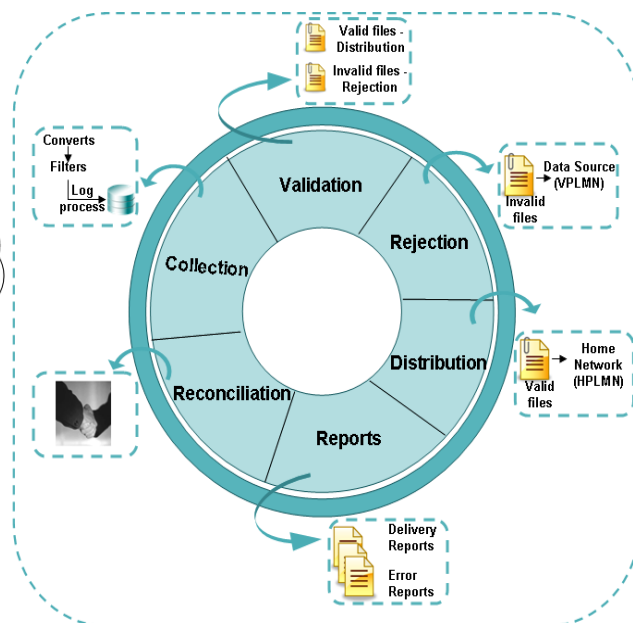
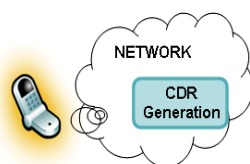


Fig 2: NRTRDE Modules

- Check for Revenue Assurance.
- Auditing and Reporting for Revenue Assurance.
- Manages partner operator related information like MCC, MNC, etc.
- Provides a comprehensive and consolidated view of roaming CDRs with drill down capabilities so that fraud can be easily identified and prevented.
- Support for various type of CDR format (ASN.1, CSV, ASCII, XML, TD.35 etc.).
- Support for various interface Network Elements (Ericsson, Siemens, Nokia, etc.).
- Notification of problems to administrators and roaming partners by email, or SMS.
- High Performance Translation and Transmission engine.
- Support Data exchange through Data Clearing House.
- Support High availability and Cluster.

Service and Support

Infozech is dedicated to teamwork, providing the very best in customer service. We believe in direct contact with our clients to effectively obtain important information and assistance. For all Business and Technical Support, Infozech personnel may be reached at their Business Office in Virginia, U.S., as well as their Development Center in New Delhi, India. For Business and Technical support, email us at apacsales@infozech.com.

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