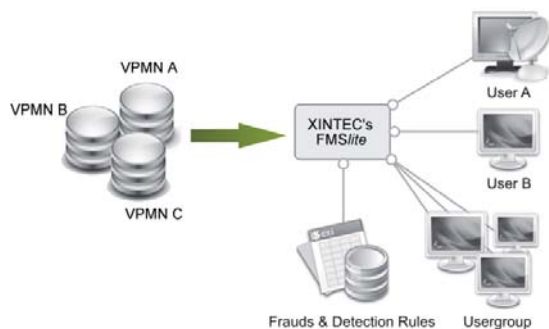


### XINTEC FMS*lite*™ FOR NRTRDE

The GSMA has mandated the evolution to Near Real Time Roaming Data Exchange (NRTRDE) to enable a Home Public Mobile Network (HPMN) operator detect fraudulent and irregular roaming call events in near real time. NRTRDE recommends Visited Public Mobile Network (VPMN) operators to send roaming Call Detail Records (CDR) for fraud analysis purposes within one hour of call completion.

The NRTRDE process must be simple to keep costs down, and to help facilitate the adoption by operators unequipped for high levels of complexity. The information should be simple in form, and easy to collect and analyse so that roaming fraud can rapidly be detected.



XINTEC FMS*lite*™ solution is a compact Fraud Management System (FMS) with a high-performance process that directly accesses NRTRDE files to detect and report fraud.

XINTEC FMS*lite*™ lowers the total cost of ownership (TCO) of a NRTRDE implementation by reducing deployment time and simplifying maintenance tasks.

XINTEC FMS*lite*™ is a cost-effective and yet powerful fraud management system which provides a complete set of collection, detection, reporting and dashboard features to ensure fraud detection and near real time visibility of roaming calls.

### XINTEC FMS*lite*™ FEATURES INCLUDE:

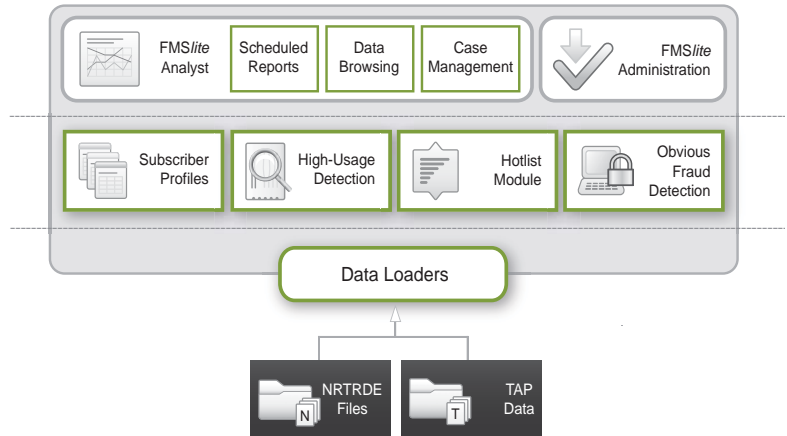
<b>NRTRDE Collector</b>	Scans and uploads roaming partner's NRTRDE files into FMS <i>lite</i> database.
<b>CDR Storage</b>	Retains massive volumes of voice and data roaming CDRs for months or years. It can retrieve CDR from NRTRDE data by different criteria such as IMSI, IMEI, call event timestamp, call type, etc.
<b>Fraud Detection</b>	Analyzes all roaming calls and data usage, applies business rules to detect suspicious roaming patterns and produces alarms, enabling different types of analysis and reports.
<b>MVNO and Service Provider Support</b>	Can use different configuration and detection rules for subscriber profiles assigned by the home operator to Mobile Virtual Network Operators (MVNO) and Service Providers.
<b>Roaming Hubbing Support</b>	Home operators acting as roaming hubs can offer NRTRDE fraud detection analysis and reporting to its sponsored networks.

### XINTEC FMS*lite*™ FOR FULL ROAMING VISIBILITY

XINTEC FMS*lite*™ is a standalone and lightweight FMS able to load roaming CDR from different sources to provide full roaming visibility and control. The framework enables access to all important data, and is not limited to NRTRDE.

In particular, it can load your own GPRS CDR to detect suspicious and unusual mobile data usage. Specific reports can be generated to be used by the home operator to implement roaming data transparency measures.

A hosted version of FMS*lite*™ is also available.



### XINTEC FMS*lite*™ BEYOND NRTRDE

XINTEC FMS*lite*™ is a powerful and easy-to-use fraud management solution for transforming NRTRDE data into fraud detection and credit control information that allows you to leverage your investment on NRTRDE with other applications relevant in the industry.

Additional solutions are under development today and the FMS*lite*™ roadmap includes applications for other business requirements, such as bypass detection and SIM cloning alarms. Please contact us for further details.

### ABOUT US

Established in 2007, XINTEC provides advanced data transformation software and standalone tools for near-real-time and real-time data processing.

Bringing together a team of industry experts with core technical development skills in the areas of inter-operator billing and rating, XINTEC delivers high quality technical solutions to reduce your dependency on in-house IT development resources and system software. These, in turn, will allow you to compete more effectively through product innovation and service differentiation, ensuring an increased responsiveness to market challenges.

XINTEC is ready to make a difference to your business. Please contact:

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XINTEC is an  
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