

RAevolution™

RAevolution is a full-featured telecoms Revenue Assurance system designed for quick deployment and modular expansion. *RAevolution* ensures CSPs can more easily identify, monitor and correlate the root cause analysis of their revenue leakage, and can quickly redress earnings imbalances to ensure all revenues are captured and accounted for.

HOW DOES IT WORK?



RAevolution analyses the usage, subscriber and financial data from network elements, OSS and BSS (e.g. network nodes like MSC and GGSN, mediation, billing, interconnect, etc.).

The usage and non-usage xDR data are uploaded into a high-speed database engine and analysed in near real time.

RAevolution applies business rules and alarm types and generates a set of cases and reports accessible through the *RAevolution* user interface. Additionally, a set of reports is then dispatched towards the analysts by email or SMS. Case alarms are created for cases that require immediate action.

DOES RAevolution MATCH MY NEEDS?

Many CSPs experience difficulties measuring revenue leakage with any degree of accuracy. They are unaware of what proportion of data or revenues they are not accounting for... but also of how little it might cost to implement a Revenue Assurance solution to reduce this loss. This is where XINTEC can help!

Either to address a small set of defined controls or cater for end-to-end reconciliations across all revenue streams, *RAevolution* can be deployed to suit a CSP's business requirements easily and efficiently within a very short time frame.

BENEFITS

- Early detection of leakage
- Clear visualisation and easy analytics to enable investigation and resolution
- Flexible business-wide reporting for all user levels
- Light-touch integration for minimal disruption to existing IT environments
- Fully configurable, modular and scalable architecture that is easy to install and operate
- Compliance with global industry standards to enable "best practice"

FEATURES

- Robust, fast and scalable
- Modular and customisable
- Dashboard functionality
- Reconciliation between different streams
- xDR Data Browsing
- Automated processing of xDR files
- Support for easy resubmission of files
- Full case management functionality for analysts



By focusing initially on the highest risk areas of a smaller CSP, the modular design of RAevolution allows the CSP the opportunity to select only the relevant modules for its business environment. In this way the CSP can scale the RA activity in line with specific needs, and as the functions of the CSP grow.

RAevolution MODULES

Usage Assurance

This module performs the more traditional form of RA in ensuring that all usage data in the end to end billing chain is loaded into the RAevolution system and checked for discrepancies.

This module ensures data consistency in the data stream through the network and achieves this by performing reconciliations between many different types of network element.

Subscription Assurance

This module ensures that all subscribers and services being provisioned in the network are provisioned through a legitimate channel and checks for corresponding provisioning information in the billing system or provisioning support system.

Platform integrity checks are performed between all subscriber databases (e.g. HLR, MSC, IN, etc.) to ensure provisioning consistency.

Order and Collections Assurance

This module ensures that all orders taken through various order channels are consistently represented and stored across the various orders databases on the network. Orders can come from many different channels e.g. Phone, Online, Recurring etc. and these orders represent real revenue to the CSP.

Orders are reconciled with the actual payments and collections for these orders and any discrepancies between the orders and payments databases are fully reported.

Partner Assurance

This module helps in ensuring the accuracy of interconnect data used for billing by the Interconnect billing system and the accuracy of roaming data used for billing roaming traffic.

The primary function of this module is to ensure that the CSP correctly bills their partners and does not overpay their partners. Other partner reconciliations are fully supported. RAevolution reconciles the relevant call records with call records taken from the switch.

The CSP can use this information to address the root cause of data leakage and thus ensure the accuracy of their partner invoices.

Bespoke Assurance Requirements

Requirements for customer specific reconciliations which are not currently provided by XINTEC "out of the box" can be configured according to a feasibility analysis.

Test Call Generator (TCG)

The TCG generates GSM test events according to configurable patterns and test groups. The TCG supports automating voice, SMS, MMS and GPRS events. The test calls are automatically reconciled on the switch or billing platform assuring your SIM to Billing system loop and assures your network paths are operating correctly. You can also use this solution with a partner SIM card to assure your TAP/NRTRDE generation is correct and accurate.

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IMPROVE PROFITS, REVENUES AND CASH FLOW

XINTEC are world-class providers of cost-effective Fraud Management and Revenue Assurance solutions to the telecommunications industry.

We enable Tier 2 and emerging communications service providers to improve performance by preventing and recovering revenue losses.

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