



CSG Roaming Settlement Solutions

Roaming margins are growing fast, spurred on by subscribers seeking the same connectivity and data services on foreign networks that they get at home. The rollout of fast data networks around the globe, coupled with powerful, portable data devices and an inexhaustible consumer appetite for IP services has made roaming a significant contributor to carrier profits, and one to be closely managed.

CSG Roaming Settlement Solution lets you process visiting and outgoing subscriber data, and generate the outputs needed to settle with your partner carriers. It's a proven solution for mobile network operators who want more control and ownership over their roaming data, and to address the inflexibility and cost of third-party clearinghouses.

Increasing volumes, growing competition from

digital (OTT) service providers and persistent regulatory pressure to cut roaming charges are leading many operators to rethink their approach to roaming traffic and, in particular, to question whether such vital revenue should be handled solely through clearing facilities.

CSG Roaming Settlement Solution handles huge transaction volumes with ease and allows the carrier to directly manage roaming relationships with their most strategically important partners (typically those which generate the largest number of roaming transactions). This provides greater visibility and control than would be afforded by clearinghouses.

With CSG Roaming Settlement Solution, relationships with the most profitable customers can be handled quickly and flexibly. Setting up promotions to attract visiting roamers, for example, can be done much more speedily when managed in-house.

CSG Roaming Settlement Solution: Functions

1. Encoding and Decoding
2. Rating and Settlement
3. Contract and Reference Data Management

Pressure on Roaming Profit

- Regulation
- High clearinghouse charges
- Growing volume and complexity of roaming traffic
- Increase in roaming fraud
- Growth in number of roaming partners
- 'Bill shock' disputes and other subscriber issues
- Market pressure for lower data rates
- Subscriber demand for wider range of roaming services
- Technical and billing uncertainty associated with LTE

Control and Oversight

Many network operators are reluctant to rely wholly on external agencies to manage their TAP3 files. Even mobile network operators that continue to use clearinghouse services need to validate incoming files, check the tariffs applied by the visited network, and process home subscriber records according to their own business rules.

CSG Roaming Settlement Solution provides mobile

network operators with greater control of their roaming business, and reduces costs by bringing functions from the clearinghouse under their own operational control. Mobile operators can re-rate calls for onward billing to home subscribers, verify clearinghouse costs, and validate the services that clearinghouses provide.

Improved Cash Flow

CSG Roaming Settlement Solution helps operators improve cash flow and revenue visibility. The carrier-grade solution can also function as an internal hub for carriers with multiple subsidiaries.

More Revenue, Less Cost

Revenue checking is built in to the CSG Roaming Settlement Solution. This includes support for RAP, high-usage fraud reporting, and NRTRDE (Near Real-Time Roaming Data Exchange). CSG Roaming Settlement Solution also supports clients who need bidirectional exchange of TAP files, either directly or via a clearinghouse. Multiple TAP versions are supported simultaneously. These capabilities are enhanced by testing options and the ability to apply operator-specific roaming discounts and taxes.



THE CSG ROAMING SETTLEMENT SOLUTION ALLOWED THE STAFF TO IMPLEMENT OUR OWN NEW SERVICES AND THE USERS TO CONFIGURE THEIR OWN AGREEMENTS. IT IS A WORLD CLASS PLATFORM FOR MEDIATION, ROAMING AND SETTLEMENT, THAT FULLY SUPPORTS OUR ROAMING REQUIREMENT AND IS ALIGNED WITH INDUSTRY REQUIREMENTS.

CLARO Chile



Standards Compliance

CSG’s roaming technology is designed to work with next generation roaming services and complies with multiple versions of the TAP3 format. It meets the requirements of all mobile operators offering domestic and international roaming services, including 3G and 4G

Key Benefits of CSG Roaming Settlement Solution

- Shorter time-to-market for new roaming services and promotions
- More flexible agreements with partner carriers
- Greater control of roaming partner agreements and associated data by consolidating required information in one place

CSG Roaming Settlement Solution Functional Checklist

- Supports inbound and outbound roaming traffic
- Sophisticated rating for voice, data, SMS, GPRS
- Multi-currency and multiple tax rates
- Rejects and returns procedure (RAP) support
- Output file generation and exchange with billing system
- Set of pre-configured reports
- Configurable Client-specific reports
- Easy export of reporting data into Windows applications

