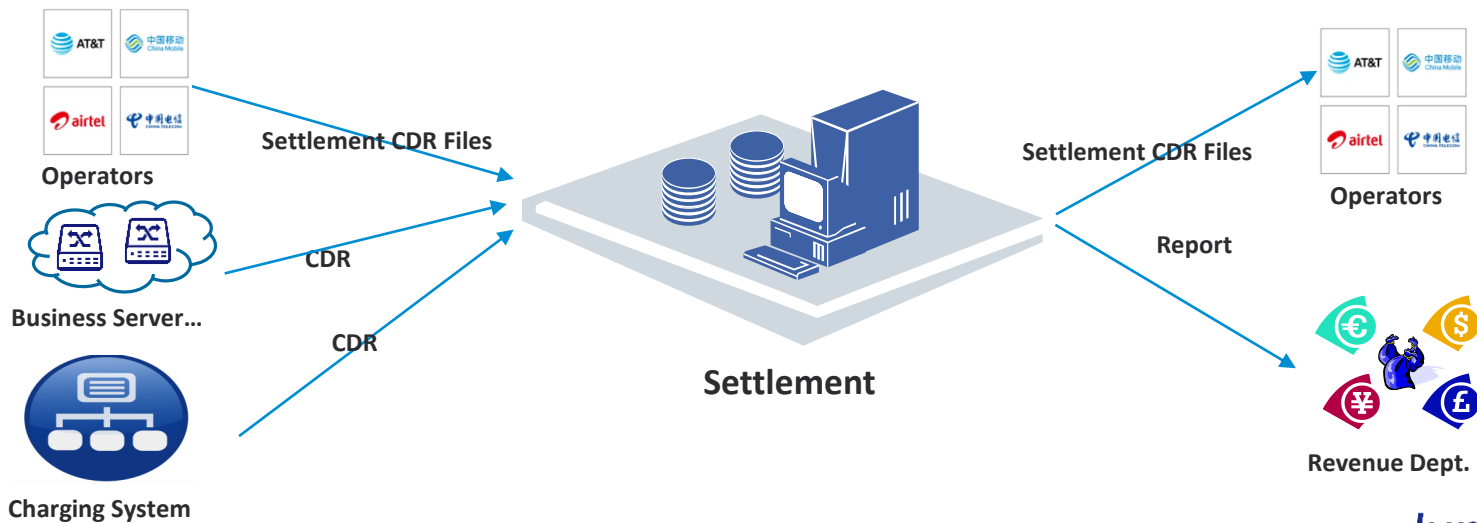


Jupiter Settlement System

Introduction

Jupiter Settlement System supports settlement of domestic operators, international roaming settlement. System process CDR, TAP and CIBER request, provide accuracy settle result to operator revenue.

It also has event driven policy and multi charging function, using the way system can provide high accuracy settlement result and flexible settlement request.

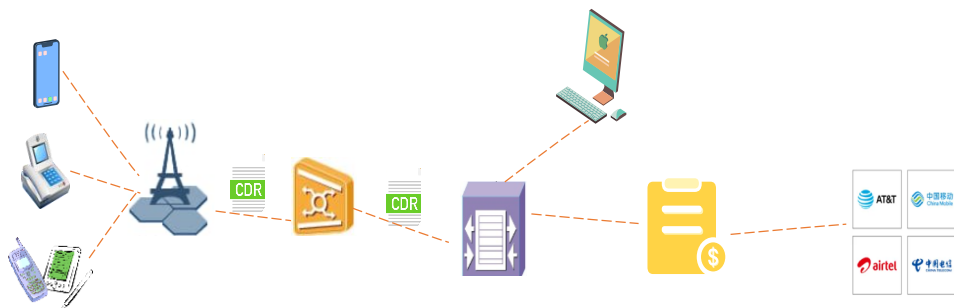




Key Benefits

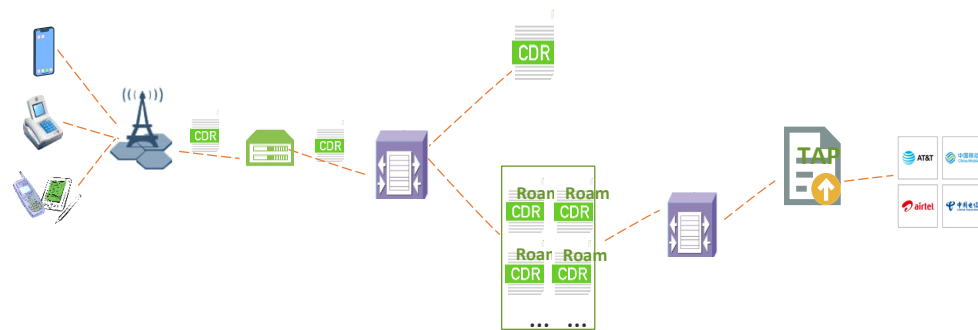
- ✓ **Interconnect Management**
Maintains full records for each partner agreement, also provides near real-time monitoring of the current financial position with each partner.
- ✓ **Improved Cash Flow**
Speed up the time to settlement with a near real-time management view of the status of all your interconnect agreements.
- ✓ **Flexible Control File Generation**
Support generate and regenerate all TAP/CIBER version file.
- ✓ **Support Anti-Fraud Protocol**
Support HUR and NRTRDE protocol.
- ✓ **Multi Charging Police**
Tariff of Usage, Time Span, Tiered, By Scripts, Accumulation.
- ✓ **Highly Adaptive**
Support installation for multi-hardware platform and OS, provide memory DB and cache mechanism.

Application Scenarios



Interconnection Settlement

System gets CDR from the End Office and Gateway Office, then processes it and records CDR into interconnection CDR table. Based on operator request, system generates settlement invoices based on billing cycle of partners.



Roaming Settlement

For roaming in mobile user, system gets CDR from Network Element, then processes it to generate roaming CDR. System produces TAP/CIBER file by roaming CDR and sends it to other partners.

Architecture

CDR Parse & Convert



Parsed and convert CDR file of third part, to get the inside CDR file of settlement system

Settle Rating



Using Presorting rule and Tariff plan, to finish settlement rating

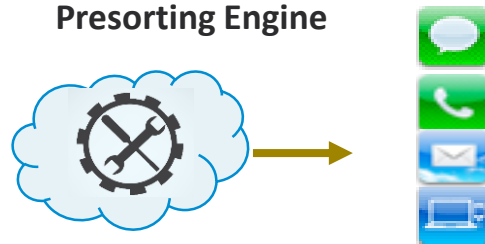


Generate Settle CDR



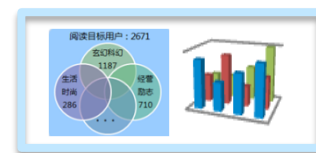
Generate Settlement CD file using TAP3, etc. to outside Operators for account Settlement

Presorting Engine



By presorting rule, data sources and CDR attributes, etc., to finally sort out different settlement events

Report



Provide settlement results to the financial department for analysis and accounting settlement