



## End-to-end roaming operations management, including data collection, clearing and cash settlement

### Syniverse Clearing and Settlement Services

The pressure on roaming teams has never been higher. Downward pressure on retail prices, the need to contain costs to support LTE deployment, the ever-increasing number of wholesale partners, and the growing list of roaming agreements to maintain mean you are likely faced with complexities and resource demands when clearing roaming with your partners.

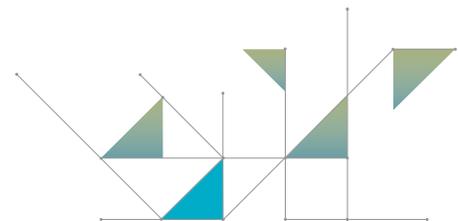
Despite these challenges, mobile operators must still execute a successful roaming business that meets the operational-excellence compliance and data privacy expectations of operators across the globe.

**Syniverse Clearing and Settlement Services** is a solution suite to help mobile operators effectively manage their roaming operations, from data collection to clearing to cash settlement. The portfolio consists of a robust set of cloud applications designed to automate and optimize all workflows required to run a roaming business.

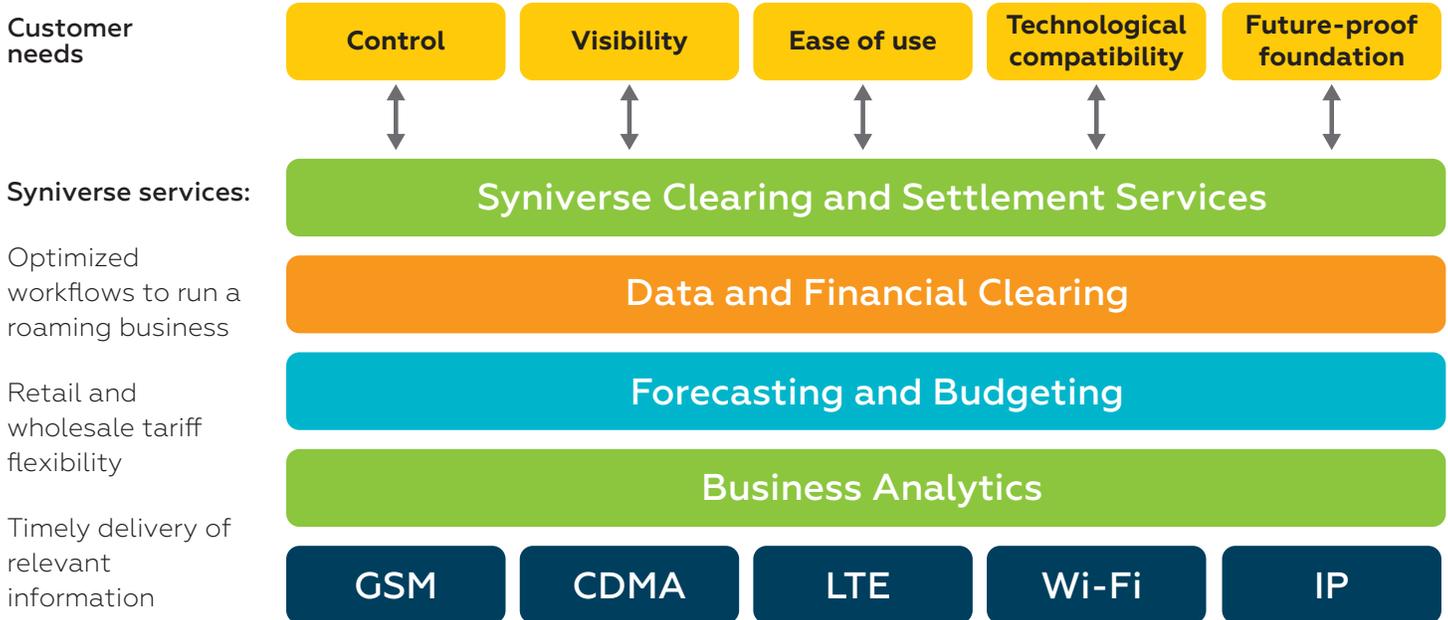
Clearing and Settlement Services deliver operational-excellence compliance, data privacy, financial optimization, and connection to the international roaming community for a marginal cost of revenue production. Serving more than 700 operators in 200 countries, these services are the first choice for the world's mobile community, from the largest group in the world to emerging players.

**Syniverse**<sup>®</sup>

*We make mobile work*



## Uses



## Benefits

Syniverse Clearing and Settlement Services enable you to better safeguard the subscriber experience, expand revenue, and contain costs. Critically, the services provide reduced risk exposure and revenue leakage, the ability to deal with multiple currencies, and improved funding and cash flow. Additional benefits include the following:

- Improved cost efficiency and maximum convenience with the ability to select an integrated data and financial clearing provider
- Better decision making through comprehensive financial, marketing and statistical reporting
- Advanced automation, which helps reduce human dependency and error rates while improving transparency and certainty for customers
- Benefit of Syniverse’s Multilateral Settlement Pool, which provides benefits to both the payer and receiver, delivering reliability and predictability of cash flow, and reducing funding requirements, credit risk, and exposure
- Improved return on your own resources, since they can be dedicated to discretionary value-adding initiatives
- Continual compliance with the latest GSM TAP standards for future-proof clearing and settlement capabilities and your investment in them
- Revenue and subscriber protection through extensive data checking and fraud detection
- Control over service continuity with a 24/7, global, multilingual team of clearing and settlement experts dedicated to your account

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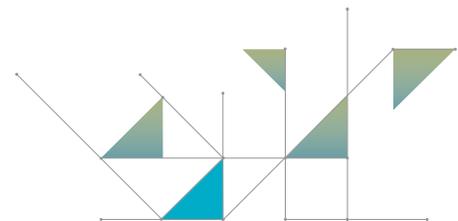


## Features

To overcome the complexity of successfully running a roaming business, Syniverse Clearing and Settlement Services provide both the data and financial clearing elements to offer a comprehensive and extensive range of features.

### Data Clearing

<b>Syniverse Data Clearing Services for CDMA – ACCESS®</b>	Streamlines the operation of CDMA operators’ roaming businesses by simplifying the exchange of billing data with your roaming partners.
<b>Tariff Management</b>	Helps maximize revenues and ensure billing accuracy through rating and interoperator tariff (IOT) management. In addition, data analysis can be managed through the reporting functionality.
<b>TAP Creation and Rating</b>	Helps you to become more independent of the actual standard Transferred Account Procedure (TAP) version, or helps you if you are not able to deliver the proper TAP format. By outsourcing TAP creation to Syniverse, your roaming departments will be able to concentrate more on market needs, rather than on actual implementation of the data.
<b>Retail and Wholesale Re-rating</b>	Consists of a powerful rating engine that supports a variety of tariff options. The original charges from TAP files will be replaced by new charges, calculated by the rating engine using your defined re-rating tariff plans. Re-rating is available for both TAP IN and TAP OUT files, and it provides a cost-efficient solution that frees you from the priorities and limitations of your billing systems.
<b>IOT Validation</b>	Aims to safeguard you from wrongly charged records, thereby protecting you from revenue loss and helping to maintain subscriber satisfaction and company image. Syniverse supports you by verifying that both you and your roaming partners’ rates are in line with the bilateral agreements.
<b>Conversion Services</b>	Includes conversion services between TAP and Returned Accounts Procedure (RAP) files, as well as between TAP and your proprietary format. Syniverse offers the ability to convert any incoming TAP file to the TAP Format (Version 1, 2, 2+, and 3) or proprietary format suitable to the recipient’s billing system. In addition, outgoing TAP files can be converted to the format expected by roaming partners. Syniverse also provides conversion services for RAP files from the industry-standard version to a lower RAP format (i.e., 1.4).
<b>Fraud and High-Usage Management</b>	Protects and helps identify potentially fraudulent behavior early in the clearing lifecycle for operators that are not yet ready to move to near-real-time roaming data exchange (NRTRDE).
<b>MVNO Services</b>	Includes a variety of services catering to mobile virtual network operators (MVNOs), such as the splitting of MVNO traffic out of a sponsor’s file flow, IMSI mapping, retail re-rating, file transfer and MVNO traffic reporting.





<b>Comprehensive Web-based Reporting</b>	Provides the flexibility required to meet your constantly changing needs for financial history, file history and usage reporting.
<b>TAPir (TAP and RAP Information Rendering)</b>	Enables a user-friendly desktop interface for data browsing along with TAP and RAP file navigation that is fully compatible with TAP and RAP file-billing methods.
<b>Enhanced Customer-Focused Service Support</b>	Delivers an individualized, customer-focused relationship, supported by a dedicated and experienced GSM subject-matter expert, allowing for a more rewarding customer experience.

**Financial Clearing**

- Near-real-time business-process monitoring and automated transaction processing for invoice handling, payable invoice reconciliation and cash allocation
- Guidance, support and management of roaming agreements annexes associated with financial settlement
- Compliance with GSM Association rules and regulations for invoicing and settlement
- Clearing for GSM and CDMA voice traffic, interworking (SMS and MMS and data (WLAN)) transactions
- Process transparency and transaction efficiency
- Sophisticated document handling solution for automatic extraction, passing and storing of client roaming invoices, payment notification and credit or debit note data
- Capability for client viewing of scanned document images through Syniverse online portal
- Proactive management, alerting, transaction reporting, cash management, and appropriate controls on payment release process
- Optimal operational flow, allowing users to have a consistent system-led approach to financial clearing transaction processing

In addition, Syniverse offers the following financial clearing capabilities.

<b>Workflow Tool Implementation</b>	First in the market to implement an innovative business process management application to enhance the entire process, from start to finish.
<b>Automated Payable Invoice Handling</b>	Consistent and reliable invoice handling means fewer missing invoices and more transparency for customers – Syniverse generates and distributes approximately 152,000 invoices a month, which are captured and reconciled automatically.
<b>Automated Payable Reconciliation</b>	Approaches 100 percent in-cycle reconciliation.
<b>Automated Cash Allocation</b>	Cash is quickly and consistently allocated, reducing allocation times from weeks to days.
<b>Online Reporting</b>	Full suite of online clearing and settlement reports. Dynamic real-time reporting provides up-to-the-minute analytics.





<b>Multilateral Settlement Pool</b>	An exclusive “settlement club” whose members pay on time, every time, for the mutual benefit of both payers and receivers. The Multilateral Settlement Pool (MLSP) is based on a settlement methodology that uses the same logic and calculation rules as bilateral settlement. However, it exists only among MLSP participants. The objective of MLSP is to create an efficient form of settlement that allows each participant to offset funds that are due to be received against funds that are due to be paid, reducing any funding requirement.
<b>CDMA Settlement</b>	In a global market that is increasingly seeking to automate the settlement of roaming cash transactions, operators have a wide range of needs for net and non-net settlement processing. Syniverse meets these needs, serving as a secure single-source suite of financial services uniquely developed for CDMA operators worldwide. Supported by Syniverse’s ACCESS data clearing house, the services offered include Financial Net Settlement, Invoice and Accounting, and Managed Invoice and Accounting.
<b>IOT Discount Service</b>	Our optional interoperator tariff (IOT) discounting service effectively manages IOT discounting between mobile operators, simplifying the increasingly complex IOT discount programs found in the roaming marketplace. The IOT discount service removes the problems and costs of internal billing development and allows international roaming managers to negotiate innovative discounting programs.
<b>Multi-Network Invoicing</b>	This optional feature groups together Transferred Account Data Interchange Group (TADIG) codes at the receivable side to consolidate multiple positions into single roaming traffic invoice. It addresses the needs of operators that are connecting to hubs. Flexible invoicing from Syniverse delivers further choice, flexibility and efficiency to fully support the evolving financial clearing needs of operators.

**Get Started Today!**

Syniverse is a global mobile solutions specialist that connects more than 1,500 mobile service providers and consumer companies in nearly 200 countries. We specialize in enabling the world’s mobile users to connect with each other regardless of device, network or location. Our advanced cloud-based solutions deliver superior user experiences through always-on services and real-time engagement. For more than 25 years, we have been simplifying complexity to deliver the promise of mobility – a simple, interoperable experience, anytime, anywhere.

[Contact us today](#) for more information or visit [www.syniverse.com](http://www.syniverse.com) to learn more.

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