



Opdata^{360°}

The commercial roaming teams are receiving a significant amount of OpData/AA.14 updates on daily basis with different formats (xml, pdf, word). They need to keep track of this information in a structured way and accessible through a user-friendly interface. Moreover, they need to detect the changes in the new document and inform the involved departments. This activity requires several resources if done manually and keeps a high risk of human error with negative revenue impact.

RoamSmart's Opdata360° is an automated web application which helps managing the full process around Opdata/AA.14 handling (RAEX and Non-RAEX) and building a centralized and comprehensive database with the updated data of all roaming partners, in addition to automated change detection and notification.

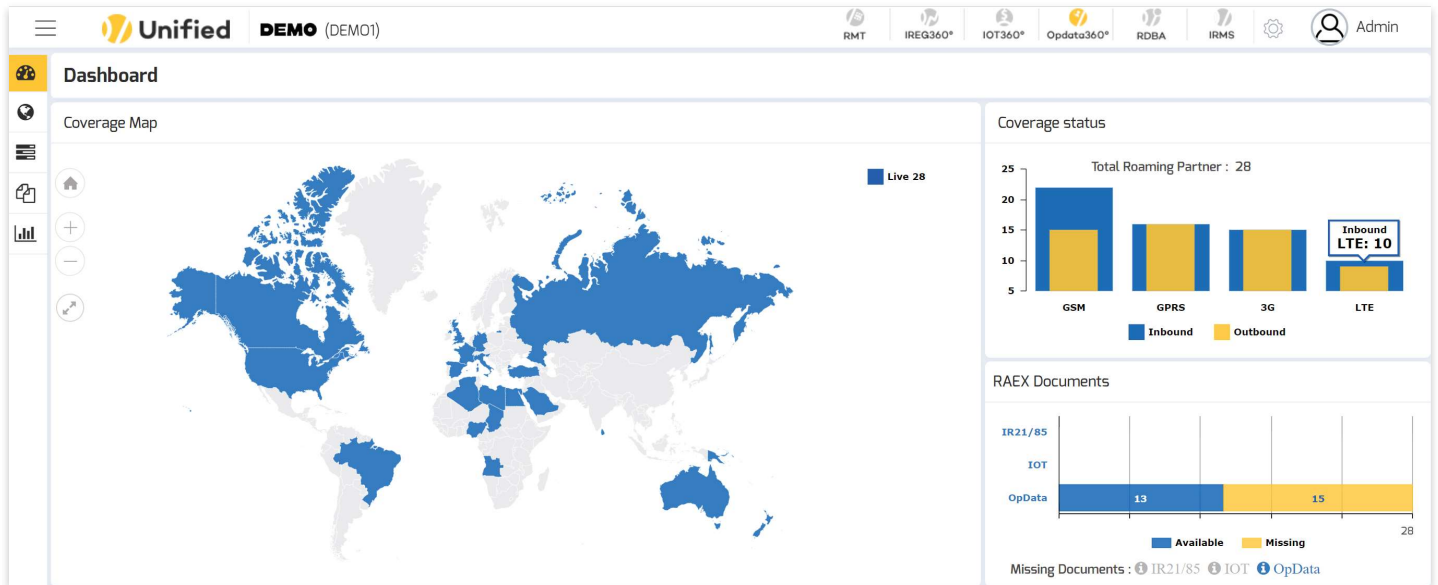
Opdata360° main features:

- ⑦ Dashboard for easy follow-up on coverage status and document availability
- ⑦ Automatic upload of Opdata updates from GSMA Infocenter Inbox
- ⑦ Version Control and Parsing of RAEX compliant Opdata
- ⑦ Manual conversion of non-RAEX AA.14 documents (in pdf, word or excel format) to be done by RoamSmart Managed Services team and full content to be available within 48 hours from document availability. Opdata360° makes all your partners RAEX compliant and creates xml Opdata for those who send other formats
- ⑦ Changes detection and classification based on section and target groups
- ⑦ Automatic notification to target departments/teams
- ⑦ Follow-up and completion workflow
- ⑦ Comprehensive reporting for better visibility

Opdata360° is built on RoamSmart's modular **Unified Roaming Platform** which offers full flexibility and adaptation to customer specific requirements for reporting and integration to external systems.

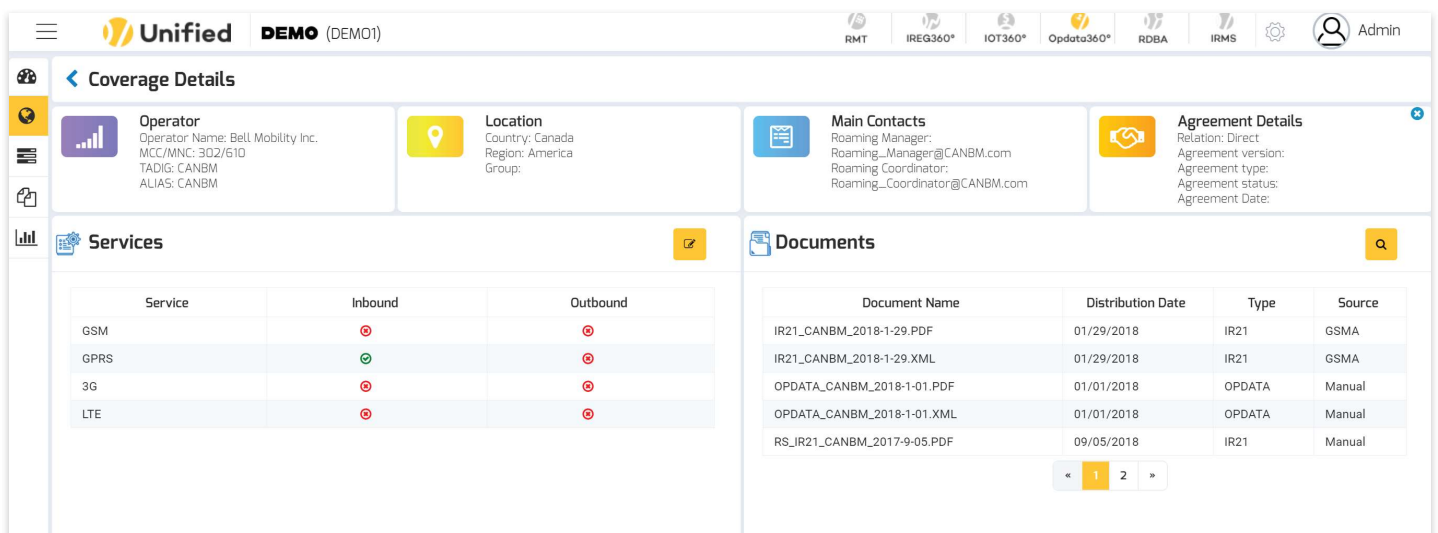
Dashboard module

The Dashboard module provides a global overview of the main KPIs and metrics managed by the solution. This includes a map view of the coverage status, a chart on the roaming status and available Opdata documents.



Coverage module

The Coverage module provides a list of roaming partners along with the launched services and launch date. Moreover, the module offers a detailed view for each roaming partner showing the main contact details, service status and available Opdata documents.



Documents module

This module is an intelligent interface to upload all Opdata documents with an easy access through flexible search engine and a comprehensive filtering mechanism.

| Network | Roaming partner | Country | TADIG | ALIAS | Relation | MCC/MNC | Document Name | Distribution Date | Type | Source | Status | Actions |
|---------|-------------------------|--------------------|-------|-------|----------|---------|-----------------------------|-------------------|------|--------|--------|---|
| DEMO1 | AT&T Mobility | United States | USAAT | USAAT | | 310/180 | AA12_USAAT_2018-1-01.PDF | 01/01/2018 | AA12 | Manual | Active | Download Refresh Delete |
| DEMO1 | OJSC MegaFon | Russian Federation | AAAAA | AAAAA | | 250/02 | AA12_AAAAA_2017-10-12.PDF | 10/12/2017 | AA12 | Manual | Active | Download Refresh Delete |
| DEMO1 | Telekom Deutschland ... | Germany | DEUD1 | DEUD1 | | 262/01 | AA13_DEUD1_2017-02-26.PDF | 02/26/2017 | AA13 | Manual | Active | Download Refresh Delete |
| DEMO1 | Orange Egypt for Tel... | Egypt | EGYAR | EGYAR | | 602/01 | TCC_EGYAR_2016-12-01.DOC | 12/01/2016 | TCC | Manual | Active | Download Refresh Delete |
| DEMO1 | Two Degrees Mobile L... | New Zealand | NZLNH | NZLNH | | 530/24 | CLL_USAAT_2018-02-01.DOC | 02/01/2018 | CLL | Manual | Active | Download Refresh Delete |
| DEMO1 | Bell Mobility Inc. | Canada | CANBM | CANBM | | 302/610 | IR21_CANBM_2018-1-29.PDF | 01/29/2018 | IR21 | GSMA | Active | Download Refresh Delete |
| DEMO1 | Bell Mobility Inc. | Canada | CANBM | CANBM | | 302/610 | IR21_CANBM_2018-1-29.XML | 01/29/2018 | IR21 | GSMA | Active | Download Refresh Delete |
| DEMO1 | Telecom Italia SpA | Italy | ITASI | ITASI | | 222/01 | RS_IR21_ITASI_2018-1-30.PDF | 01/30/2018 | IR21 | Manual | Active | Download Refresh Delete |
| DEMO1 | Telecom Italia SpA | Italy | ITASI | ITASI | | 222/01 | IR21_ITASI_2018-1-30.PDF | 01/30/2018 | IR21 | Manual | Active | Download Refresh Delete |
| DEMO1 | Telecom Italia SpA | Italy | ITASI | ITASI | | 222/01 | IR21_ITASI_2018-1-30.XML | 01/30/2018 | IR21 | Manual | Active | Download Refresh Delete |

Reporting module







The Reporting module provides a comprehensive and flexible reporting engine allowing the user to extract an excel report on any KPI defined in the Opdata RAEX standard e.g. Financial contacts, RAEX contacts, Revenue assurance contacts etc..

| Network | Country | Roaming Partner | TADIG | Alias | MCC/MNC | Currency | Bank | Account Type | Payment Information Type | Bank Name | Address |
|---------|---------------|--------------------|-------|-------|---------|----------|-------|--------------|--------------------------|----------------------|--|
| DEMO1 | United States | AT&T Mobility | USAAT | USAAT | 310/180 | USD | Other | Bank | Bank | Citibank NA London | Citigroup Centre, United Kingdom, Canary Warf London, 33 Canada.ca |
| DEMO1 | Canada | Bell Mobility Inc. | CANBM | CANBM | 302/610 | USD | Bank | Bank | Bank | Citibank N.A. London | Citibank N.A. London Citigroup Centre Canada.ca Square Canary V |

Who we are

RoamSmart is a leading provider of innovative Roaming and Big Data Solutions to mobile operators. We support Telcos in the digital transformation of their roaming and wholesale business.

Our big data based Unified Roaming Platform helps operators in managing their roaming business from different angles:

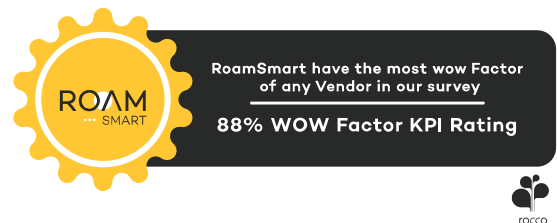
-  Operational efficiency of the rollout activity.
-  Process automation in the RAEX Management (IR.21/IR.85, IOT and Opdata).
-  Roaming revenue assurance through Core Network Database Audit.
-  Negotiation competitive edge with Inbound Roaming Market Share.
-  Business Intelligence for accurate business tracking and reporting.
-  Deep Insight on the business : Traffic, Revenues, market share and steering performance.

Our vision is to build a comprehensive and robust Big Data platform which centralizes all data from different sources and provides the flexibility to the user to manage different activities starting from Wholesale Roaming, Retail Roaming and extending to Interconnect Business and Local Traffic.

ROCCO'S ROAMING MANAGEMENT SURVEY 2015



ROCCO'S CUSTOMER SERVICE REPORT 2017 :



We also have



Contact Information

• Contact@roam-smart.com

• www.roam-smart.com

• Madrid - Tunis