IREG360°

The commercial roaming and technical IREG teams are receiving a significant amount of IR.21/R.85 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, inform the involved department for implementation on network side and follow-up on the completion of this configuration. This activity requires several resources if done manually and keeps a high risk of human error with negative revenue impact.

RoamSmart's IREG360° is an automated web application which helps managing the full process around IR.21/IR.85 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.
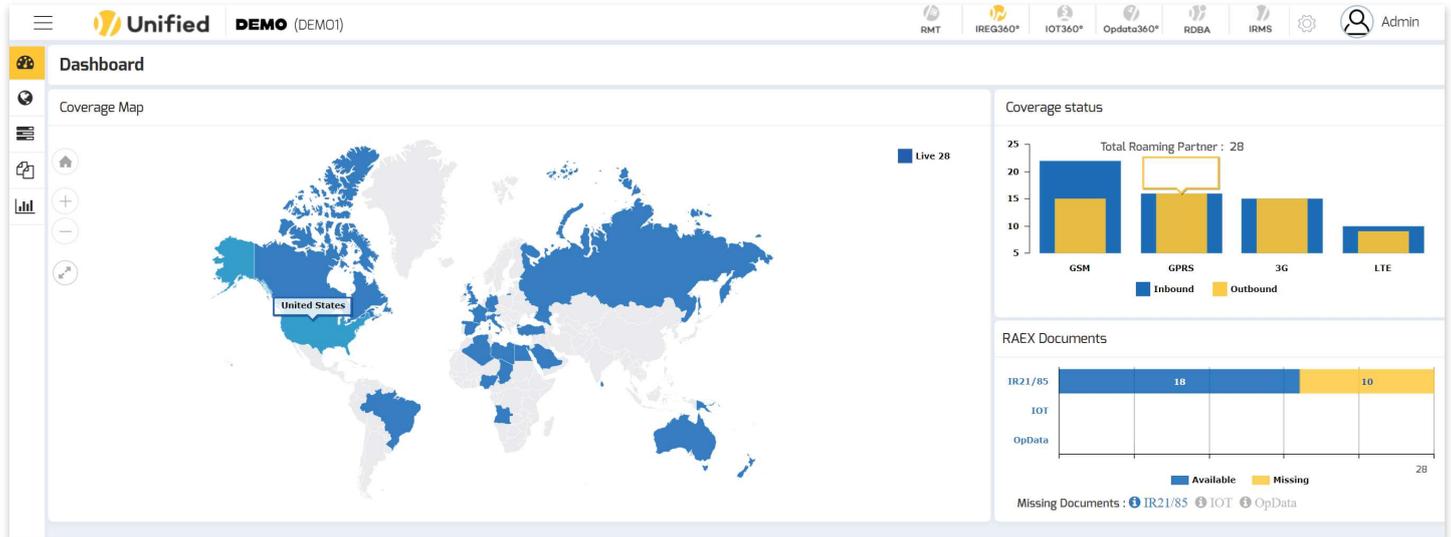
IREG360° main features:

- Dashboard for easy follow-up on coverage status and document availability
- Automatic upload of IR.21/IR.85 updates from GSMA Infocenter Inbox
- Version Control and Parsing of RAEX compliant IR.21/IR.85
- Manual conversion of non-RAEX 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. IREG360° makes all your partners RAEX compliant and creates xml IR.21 for those who send other formats
- Changes detection and classification based on sub-section and target groups
- Automatic notification to target departments/teams
- Follow-up and completion workflow
- Comprehensive reporting for better visibility

IREG360° 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.
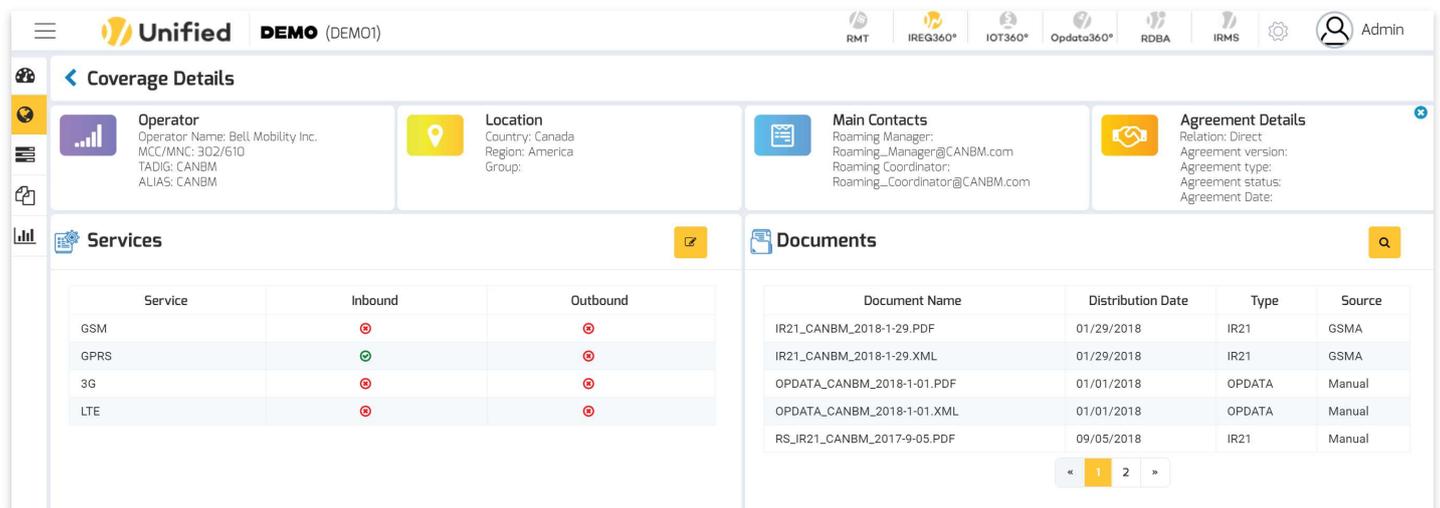
Dashboard module

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 IR.21/IR.85 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 IR.21 documents.

Tasks module

The Tasks module provides the list of IR.21 tasks created based on the detected changes on the new received document compared to the latest version. The user has the option to change the status, filter on different parameters and export to excel reports.

	Network	Country	Roaming partner	TADIG	MCC/MNC	Effective Date	Section	subSection	Status	Comment	Actions
	All	All	All	All		dd/mm/yyyy	All	All	All		
	DEMO1	🇨🇦 Canada	Bell Mobility Inc.	CANBM	302/610	05/01/2018	Routing Information	MSISDN Number Range	WAITING	💬	🔍 🗑
	DEMO1	🇨🇦 Canada	Bell Mobility Inc.	CANBM	302/610	05/01/2018	IP Roaming and inter...	Inter PMN Backbone I...	WAITING	💬	🔍 🗑
	DEMO1	🇮🇹 Italy	Telecom Italia SpA	ITASI	222/01	04/01/2018	Routing Information	MSISDN Number Range	WAITING	💬	🔍 🗑
	DEMO1	🇮🇹 Italy	Telecom Italia SpA	ITASI	222/01	04/01/2018	Routing Information	GT Number	WAITING	💬	🔍 🗑
	DEMO2	🇹🇳 Tunisia	Orange Tunisie	TUNOR	605/01	04/27/2019	Routing Information	MSISDN Number Range	WAITING	💬	🔍 🗑
	DEMO3	🇹🇳 Tunisia	Orange Tunisie	TUNOR	605/01	04/27/2019	Routing Information	MSISDN Number Range	WAITING	💬	🔍 🗑
	DEMO1	🇹🇳 Tunisia	Orange Tunisie	TUNOR	605/01	11/07/2016	IP Roaming and inter...	Inter PMN Backbone I...	IMPLEMENTED	💬	🔍 🗑
	DEMO1	🇹🇳 Tunisia	Orange Tunisie	TUNOR	605/01	11/07/2016	Contact Information	Contact	IMPLEMENTED	💬	🔍 🗑
	DEMO1	🇳🇴 Norway	Telia Norge AS	NORNC	242/02	04/28/2017	Routing Information	MSISDN Number Range	IMPLEMENTED	💬	🔍 🗑
	DEMO1	🇳🇴 Norway	Telia Norge AS	NORNC	242/02	03/29/2017	Network Elements Inf...	network Nodes	IMPLEMENTED	💬	🔍 🗑

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Documents module

This module is an intelligent interface to upload all IR.21/IR.85 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
All	All	All	All	All	All			dd/mm/yyyy		All	All	
DEMO1	AT&T Mobility	🇺🇸 United States	USAAT	USAAT		310/180	AA12_USAAT_2018-1-01.PDF	01/01/2018	AA12	Manual	Active	⬇ ✏ 🗑
DEMO1	OJSC MegaFon	🇷🇺 Russian Federation	AAAAA	AAAAA		250/02	AA12_AAAAA_2017-10-12.PDF	10/12/2017	AA12	Manual	Active	⬇ ✏ 🗑
DEMO1	Telekom Deutschland ...	🇩🇪 Germany	DEUD1	DEUD1		262/01	AA13_DEUD1_2017-02-26.PDF	02/26/2017	AA13	Manual	Active	⬇ ✏ 🗑
DEMO1	Orange Egypt for Tel...	🇪🇬 Egypt	EGYAR	EGYAR		602/01	TCC_EGYAR_2016-12-01.DOC	12/01/2016	TCC	Manual	Active	⬇ ✏ 🗑
DEMO1	Two Degrees Mobile L...	🇳🇿 New Zealand	NZLNH	NZLNH		530/24	CLL_USAAT_2018-02-01.DOC	02/01/2018	CLL	Manual	Active	⬇ ✏ 🗑
DEMO1	Bell Mobility Inc.	🇨🇦 Canada	CANBM	CANBM		302/610	IR21_CANBM_2018-1-29.PDF	01/29/2018	IR21	GSMA	Active	⬇ ✏ 🗑
DEMO1	Bell Mobility Inc.	🇨🇦 Canada	CANBM	CANBM		302/610	IR21_CANBM_2018-1-29.XML	01/29/2018	IR21	GSMA	Active	⬇ ✏ 🗑
DEMO1	Telecom Italia SpA	🇮🇹 Italy	ITASI	ITASI		222/01	RS_IR21_ITASI_2018-1-30.PDF	01/30/2018	IR21	Manual	Active	⬇ ✏ 🗑
DEMO1	Telecom Italia SpA	🇮🇹 Italy	ITASI	ITASI		222/01	IR21_ITASI_2018-1-30.PDF	01/30/2018	IR21	Manual	Active	⬇ ✏ 🗑
DEMO1	Telecom Italia SpA	🇮🇹 Italy	ITASI	ITASI		222/01	IR21_ITASI_2018-1-30.XML	01/30/2018	IR21	Manual	Active	⬇ ✏ 🗑

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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 IR.21 RAEX standard e.g. IMSI, MSISDN, GT, MGT, IP, SCCP, GRX, ASN, LTE etc..

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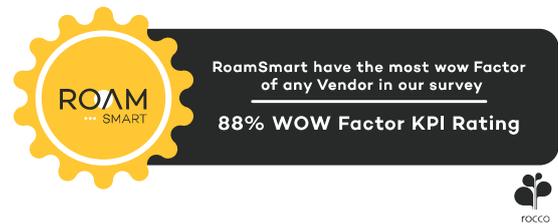
- Operational efficiency of the rollout activity.
- Process automation in the RAEX Management (IR.21/IR.85, IOT and Opdata).
- Roaming revenue assurance through Core Network Database Audit.
- Negotiation competitive edge with Inbound Roaming Market Share.
- Business Intelligence for accurate business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

Tier 1 Vendor Roaming Management Operational tools & solution 2015

SmartRMT, SmartDIM, Smart IREG360, Smart IOT360

rocco

ROCCO'S CUSTOMER SERVICE REPORT 2017 :

RoamSmart have the most wow Factor of any Vendor in our survey

88% WOW Factor KPI Rating

rocco

We also have

IOT360°   Opdata360°   RMT   RDBA   IRMS

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