

5G ROAMING SUITE

Expand your 5G network internationally with our Suite

Ensure service with the highest capabilities thanks to our integrated and modular services to offer the most complete, easy and "fast to market" 5G deployment



MARKET CONTEXT

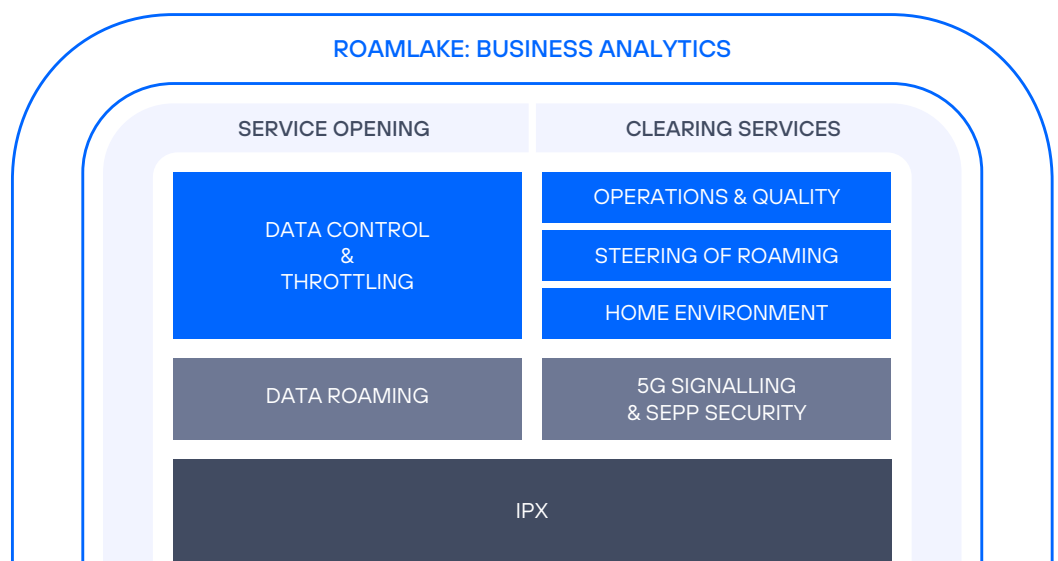
Data Roaming Traffic has adopted again the usual traffic patterns after the pandemic and the increasing deployment of 5G local networks are fuelling the rush to extend them internationally (NSA and SA) with Roaming. Technologically and technically, this is a major challenge.

How will 5G Roaming coexist with legacy networks while balancing the vast investments needed with the management of the new sources of revenue? The secret is to **deploy as fast and efficiently as possible** and our 5G Roaming Suite is designed to do precisely that.

OUR PRODUCT

Our **5G Roaming Suite** unleash the power of a **seamlessly integrated Roaming solution**: connectivity, value added services, outsourcing and engagement. Signalling, Data Roaming, Value Added Services, IPX, Connectivity all with **one interconnection, one contract and one support team**.

We build our 5G Roaming proposal on our experience with the legacy of SCCP & Diameter signalling, both as Carrier and Roaming Operators.



SERVICE FEATURES

ALL TECHNICAL AND ORGANIZATIONAL MEANS TO ENABLE 5G ROAMING IN ONE SUITE

From Signalling and User Data to Managed and Value-Added Services: everything you need to cover any bespoke need.

- Access to our International Network for the exchange of 5G Roaming Signaling and Data Roaming traffic based on IPX.
- Reachability of our directly connected roaming partners.
- Reachability of all your roaming partners through the peering agreements we maintain.
- A flexible, consumption-based charging model.
- 5G Roaming Signaling.
 - Cascaded SEPP (Hop-by-hop TLS).
 - Hosted SEPP.
- Data Roaming.
 - GTPv1 and GTPv2.
 - Dedicated DNS.
- Integration with wider roaming portfolio.
- IP Access using IPv4 and IPv6.
- Key Management and use of TGS' PKI.
- Fully geo-redundant network with two SEPP nodes in Europe and other two planned for the Americas.
- 24/7 Multilingual Operations and Maintenance: customer control center to **manage, monitor and configure** services and solutions.

How can 5G Roaming Suite help you?



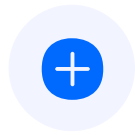
- 5G Roaming Suite supports the connectivity, transport and routing requirements for 5G roaming, both signaling and user-data.



- Provides you with end-to-end quality, key management, a secure environment and an ultra-reliable network.



- Enables you to combine 5G Roaming with other services over the same IPX interconnection.



- Enables you to extend the service capabilities with Value Added Services such as Steering of Roaming, introduce advanced reporting with our Business Analytics tool or exploit Managed Services such as Service Openings.

ARCHITECTURE

- Redundant Ethernet Interconnection; GE, 10GE, 100GE or LAG available.
- Interconnection provided over Cross Connection, Local Loops or IPSec.
- IPX2Cloud. Access to Public Clouds.
- Logical separation of Signaling traffic per technology.
- Support of CoS.

• Possibility of Value Added Services:

- Steering of Roaming.
- Welcome SMS.
- Roaming Basic Services.
- Marketing Campaigns Manager.
- Business Analytics.
- Quality and Operations.
- Data Control and Throttling.

• Global Reach.

