



Open Connectivity

Online Training

The GSMA Open Connectivity programme is now entering its Go to Market phase with technology solutions available in key areas including Roaming Hubbing, SMS Hubbing, Global Roaming Quality and Online Training.

About Open Connectivity

Established in 2005, the Open Connectivity programme has facilitated easier and quicker interworking and roaming, bringing benefits for consumers, operators and vendors.

The traditional bilateral approach, where operators establish one agreement with each partner, has proved successful to date. However with more than 700 operators, and increasingly diverse services, a new solution was required to support next generation roaming and interworking.

The Open Connectivity team has established a framework for hub-based solutions, where one or more hubs provide access to multiple partners via a single commercial agreement. This multilateral approach is documented in a set of High Level Requirements that define the requirements for Open Connectivity compliant solutions.

Hub based solutions will co-exist with bilateral agreements for the foreseeable future. As such, the Open Connectivity project has also delivered a range of efficiency gains for bilateral agreements, including the launch of an online training programme covering roaming.

What is Online Training?

The GSMA and its members are often asked for guidance on the establishment and maintenance of roaming relationships. It is acknowledged that this work can sometimes be difficult. To address this issue, an online training programme is now available for GSM members covering roaming and interworking.

The courseware can be accessed via the GSMA Infocentre.

The courseware is relevant for both managers and operatives in mobile network operators, as well as roaming related entities such as Billing System Providers, Data Clearing House, Financial Clearing Houses and GSM Standard Supporters.

Training is certified by the GSMA, who will issue certificates to delegates successfully completing course modules.

Additional course modules will be added on a regular basis.



What is covered in the training?

The full courseware currently comprises:

- Establishing Roaming Relationships Overview
- Establishing Roaming Relationships Detail Modules
 - Roaming Agreement Set-up
 - Network Set-up
 - TADIG TAP Testing
 - IREG Network Testing
- Maintaining Roaming Relationships Overview
- Maintaining Roaming Relationships Detail Modules
 - NRTRDE
 - TAP
 - RAP
 - RAEX AA.14



GSMA Infocentre Online Training

How much does the training cost?

Online training is available for a charge of Euro 200 per delegate. This charge covers access to the training modules for a period of six months.

The fee can be paid online using a credit card by following the “Purchase and register” link on the online training page. Alternative payment methods are possible by following onscreen instructions. The fee is the same regardless of GSMA membership status.

The operational cost for this service is funded by users of the service, as opposed to being funded from general GSMA membership fees. The funding is “cost recovery” only, so service users are not subsidising other services. The online training programme is a not-for-profit initiative by the GSMA.

What are the benefits of the training?

The GSMA provides certificates for those who successfully complete course modules. The certification enables roaming partners of different sizes and structures to acknowledge roaming competencies and simplify the work involved in establishing roaming relationships.

What are the Open Connectivity High Level Requirements?

The High Level Requirements include:

- **Openness** – Ensuring global interoperability and interconnection.
- **Transparency** – Ensuring service consistency and preventing fraud.
- **Efficiency** – Ensuring efficient use of network resources.
- **Quality** – End to end service quality from originating operator to terminating operator.
- **Simplified Billing** – Simplified billing, removing the need for bilateral settlement.
- **Testing** – Reducing time and effort for testing.



For more information or to contact us about Open Connectivity, please visit www.gsmworld.com/oc or email training@gsm.org