

Training and Workshop

Successful Number Portability

The world of telecommunication is constantly in motion. New technologies become available for implementations that spark new possibilities for services and applications. As a result, businesses and markets are searching ways to adapt to these developments. Getting to know the recent and future developments in telecommunication is essential. Rabi3n Consultancy offers a range of telecommunication training for network operators, service providers and telecom regulatory authorities.

Who we Are

Rabi3n Consultancy BV is an independent consultancy firm in Information and Communications Technology, based in the Netherlands. Rabi3n Consultancy has no ties or relations to system developers or software companies. Therefore we can be fully committed to the needs and requirements of our clients. We focus at the Telecommunication industry. Our clients are Telecom Operators, Service Providers, Telecom Regulators, Telecom solution/equipment suppliers. The company is founded in 1999 and privately held. Rabi3n Consultancy offers up-to-date training courses based on knowledge and expertise that is gained by our trainers in working with the latest developments in the telecommunication market.

The main areas of expertise that we work on are: Mobile Communication (GSM, GPRS, UMTS, WLAN, WiMAX, and LTE), International Roaming, Wholesale (MVNO, MNVE etc.), Broadband, Telecom and Data Infrastructure (xDSL, IP), VoIP, Billing & Payments, Telecom Business Processes, Number Portability and Numbering Management, and Interconnection. Rabi3n Consultancy has a wide international experience in providing telecommunication training as well as in providing consultancy.

Our approach to training

The training programs that we provide cover business as well as technical subjects. The trainers for the training courses that we provide are experts in their fields. The trainers are actively involved in the telecommunications industry and are up to speed with new business developments and new technologies. Their knowledge is far more than just textbook knowledge; they gained hands-on expertise in carrying out projects and assignments for customers. The trainers will discuss cases in the training and will explore the theory of telecommunications using examples from daily practice. Depending on the objectives of our clients we offer a broad range of subjects in the training program. Trainings can be tailor-made to meet the specific needs and requirements of our clients. Most of our training program are delivered in-house of clients.

Successful Number Portability

INTRODUCTION

Number portability has been introduced in several countries around the world. Millions of telephone numbers have been ported from one operator to another, both for fixed and mobile networks.



However still many national telecommunication regulators are about to make decisions on the subject, and planning for implementation.

The objective of the training is to prepare the participants for the upcoming implementation of NP. The training is aiming at vendors, consultancy companies, network operators and service providers.

PROGRAM

Rabión Consultancy presents a training and workshop program that will provide insight and detail understanding of all aspects that are important for a successful NP implementation. The scope of the program is both mobile number portability and fixed number portability. The program is as follows:

The Basics of Number Portability

- Overview of NP concept
- Terminology
- The business model and the NP process (donor initiated or recipient-initiated request model)
- Components of the NP solution
- Legal/Regulatory aspects of NP
- Financial Commercial aspects of NP
- Technical aspects of NP
- NP implementation
- Impact of business processes such as billing, interconnection, customer activation, network routing etc.
- Examples and Country Cases

Expert Session CENTRAL DATABASE

- The functions of the central NP solution (database and clearinghouse)
- Central versus De-central solutions
- The Inter-operator process,
- Numbering Management
- Technical implementation and interfaces
- International Benchmark and examples
- Management and Operation of the central solution
- Discussion and Questions: The central database and solution for your country

Expert Session REGULATORY and ECONOMICS

- Which rules apply to the porting process?
- How will validation of porting process take place?
- What conditions apply to porting of a number?
- What charges are allowed by the operators involved (inter-operator charging, end-user charging, and conveyance costs)
- Economic considerations
- Service levels (preparation time, porting time, handover time, out-of-service time) and Key Performance Indicator
- Discussion and Questions about the local NP rules and regulations

**Expert Session NETWORK ROUTING AND CHARGING**

- Technical network solutions and challenges (Onward routing, Call query on release, All call Query)
- International standardization
- Network routing Mobile (Voice) and traffic cases
- Network routing Mobile (SMS) and traffic cases
- Network routing Fixed
- Next Generation Networks and VoIP
- Impact of NP at network interconnection
- Charging scenarios and cost model
- Discussion and Questions about the local NP network implementation

METHOD

The trainer and workshop leader for this program is Raymond Bouwman, of Rabión Consultancy, the Netherlands. Raymond Bouwman is an international industry expert on Number Portability. He worked on fixed and mobile number portability and numbering management projects for network operators and for telecom regulators in (amongst others) Jordan, Bahrain, Netherlands, Jamaica, Aruba, Nigeria, Haiti, Burkina Faso and the Channel Islands. The leader will make sure that all workshop participants will acquire (basic) knowledge of Number Portability and will gain detail insight into the consequences and implications of Number Portability.

The participant can choose for only the basic program and/or for one or more expert sessions. The participant will receive copy of the material that the trainer has been using during the training sessions.

The participants will receive a certificate for successfully completing the training.

Session 'The Basics of Number Portability' will take 1 working day. Each expert session takes a half day. The language of instruction will be English.

For further information or for a proposal please contact us:

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