



## Course Synopsis

**Course :** Interconnect Billing

**Duration:** 1 day

**ETS Code :** ETS422

Interconnect billing, the money charges to and paid to, other carriers is increasingly becoming the major part of the revenue of many non-incumbent operators in Europe.

This course looks at this area and exposes some problems and potential pitfalls.

### Course Content

#### Introduction

- What is interconnect?
- Why interconnect matters
- Declaration
- The interconnect agreement
- Settlement variations
- The interconnect business process
- Concepts and Terminology
- Interconnect call scenarios

#### The Evolution of Interconnect

- Accounting Rate
- Sender keeps all
- Element Based Conveyance (EBC)
- Number Translation Services
- Interconnect for ISPs
  - Web Hosting
  - Revenue share models
  - Interconnect and Number Portability
  - Call forwarding
  - Centralised database
- How retail differs from interconnect

#### The fundamental Interconnect components

- Scope
- Management of reference data
- CDR mapping, completion, repair and enhancement
- Pricing
  - The rating process
  - Interconnect rating styles
  - CDR and bulk rating
  - Distance and destination based
  - Volume and Commitment levels
  - Revenue sharing
  - Content

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- Post pricing
  - Adjustments
  - Re-pricing
  - Discounting
  - Invoicing and Taxation
- Summaries and Reports
- Reconciliation processes and standards
- Least Cost Routing

#### **Implementing an Interconnect Billing Solution**

- Roles and resources
- Outline implementation plan
- Scalability and resilience
  - **The Future of interconnect**
- Competitive pressures
- Voice and data trends
- The impact of technology on interconnect
- 3G services
- IP interconnect
  - IP event records
  - QoS issues
- Billing for IP services
- The IP billing value chain
- The total business solution for interconnect
  - Interconnect churn
  - Fraud and interconnect
  - "Operator Care"
  - Interconnect for the Board
- Extending the boundaries of interconnect