

MINcom/TeLogic Number Portability: References and Outline

August 24, 2004

Representation

2000 –

Representative of a carrier and a software house in UAK Billing (billing working group) of AKNN (Arbeitskreis Nummerierung und Netzzusammenschaltung - Regulatory Working Group of all German carriers)

6/2002-1/2003

Lead role in a multi-carrier working group identifying Mobile Number Portability impact to German fixed network carriers and pointing missing specification out to the regulator and the MNP consortium. This resulted in new requirements on fixed network carrier's access to MNP information.

Mobile Number Portability Projects

2001-2002 (MINcom partner)

Specification of the Mobile Number Portability central database application for Germany

2002

Specification, implementation and deployment of a client database to the Mobile Number Portability central database which feeds a carrier's billing and network operations

2003

Specification of a high availability version of an MNP client database

Introduction of Regulatory Services

11/2000 – 7/2001

Clearing House introduction for regulated Call-by-Call services

Clearing House selection; contract negotiations; coordination of all parties: Call-by-call provider, Clearing House, Deutsche Telekom; technical review of clearing house; support for price negotiations with the regulator

Regulated Telecom Applications (1)

2002

Definition and implementation management of a billing system for service provider payoff, including fraud prevention methods and multi carrier billing

2002 – 2003

Definition of the first viable solution to protect telecom premium rate service providers from fraud out of other networks; presentation and sales support for the solution. Solution includes a central authority where individuals can block / enable their use of premium rate numbers. Solution works in a deregulated multi-carrier environment with distributed local number portability databases.

Regulated Telecom Applications (2)

2001-2003

Call-by-Call billing and reporting system: Billing of calls via the incumbent carrier, further processing of unpaid bills

2003

Specification of a regulation-compliant system to query billing data by government authorities