



Interconnect Billing

Interconnect Overview

This section provides brief historical telephony concepts, both pre and post divestiture. In addition, summarizes the implications of the Telecommunications Act of 1996 as it pertains to current Interconnect Billing.

- Historical Review
- Telecom Act of 1996
- Interconnect Process
- Customers
- PSTN
- Call Scenarios
- Billing Terminology
- Reconciliation

Network Configurations

Familiarize the student with telephony network configurations, usage recordings and Common Language™. Activities performed will identify components associated with usage processing in preparation for Interconnect Billing and verification.

- Terminology
- Jurisdiction
- CMDS
- Network Components
- Interconnection

Component Services

This section explains interconnect terminology and the interconnect services, including non-facility and facility services. These interconnect services include Local Number Portability (LNP) and Unbundled Network Elements (UNE).

- LNP
- UNE
- Other Services
- Switched Access
- Special Access

Provisioning

Provisioning activities associated with interconnect services are discussed, including an introduction to both the Local Service Request (LSR) and an Access Service Request (ASR). This section introduces the students to the other complex functions such as a Design Layout Request (DLR) and escalation procedures.

- Pre-Order/Inquiry
- Firm Order
- DLR
- Trouble Administration
- Billing & Verification

Interconnect Billing

A comprehensive study of all functions related to interconnect billing and rate elements, including recurring and non-recurring charges and invoice production. This section describes the activities necessary for rating, usage summarization, grouping, tariff application and verification and disputes.

- Guidelines
- Responsibilities
- Rating
- Factors
- Bill Rendering
- Verification

Meet Point Billing

This section describes activities associated with interconnect billing when the provided service involve two or more providers, i.e. CLEC, ILEC, ULEC, and/or USP. We will recap usage processing with multiple providers and the various Meet Point Billing (MPB) options.

- Access Definition
- Unbundled Definition
- Options
- Components
- Terminology
- Guidelines
- Sample Bill Review

Reciprocal Compensation

The students will acquire an understanding of reciprocal compensation, various types of agreements, and review reciprocal bills. The class will discuss control points to ensure complete and accurate invoicing and identify verification areas of received invoices.

- Definition
- Components
- Types of Agreements
- Section 251 of FCC

Future Trends/Newsworthy

This section will address news-breaking events occurring in the industry. News events that are happening in Congress, FCC, and other areas will be discussed.

- ISP Billing
- Meet Point Billing
- Local Competition