

# Business Data Services - Interconnect (BDS-I) : Overview

CDG's BDS-I provides comprehensive ordering and billing solutions for Business Data Services, such as Ethernet virtual circuits, special access circuits, small cell sites, dark fiber, and other cutting edge services. The system also supports full Interconnection and CABS billing functionality for both access tariffs and contracts. BDS-I offers fully mechanized order input and invoice outputs, which meet the ASOG and BOS industry standards that the largest carriers demand, and highly automated data entry and processing features that save your staff time, improve billing and collection accuracy, and provide quality output. Our clients realize a maximum collection ratio with multiple channels for accomplishing their revenue assurance goals.

## BILL WISELY

CDG's BDS-I is a highly scalable ordering and billing solution. Our client base represents telecoms of all sizes, from those generating 10,000 records per month to those with billions of records per month. Depending on your business needs, our application is available as an online service, where the billing functions are shared with the client, or as a service bureau arrangement with all processing performed at CDG's headquarters.

BDS-I offers the processing flexibility and functionality to merge access/interconnect, BDS, and other special access and wholesale data on a monthly, weekly, or daily basis. Investigate and resolve usage errors as they appear instead of in one long session during the billing cycle. New carriers or NPA-NXXs can be added and PIUs updated as needed. These processing options make BDS-I your best choice in BDS, special access, Interconnect/CABS, and wholesale circuit billing.

BDS-I also efficiently processes meet-point billing options for all carriers, all traffic types, and all jurisdictions and tariffs. Customized packages allow users to assign account codes specific to their company for journalization. The system also provides audit trails for tracking messages and minutes. CDG's LERG/NECA file interface allows automated posting of the LERG and NECA #4 file information into the CLLI file, eliminating the need for manual entry. Programs can then be used to update other screens within the system. The module includes complete edit checks, detailed auditing reporting, and error file recording with corresponding error codes.

## BILLING TOOLS FOR TELECOMMUNICATIONS

- Bill different rate structures, tariffs, rates, and billing percentages without performing multiple bill processes.
- Process an infinite number of Interexchange Carriers (IXC) per jurisdiction, per company.
- Bill BDS/special access and other wholesale services.
- Set up and maintain your contracts with service providers.
- Develop custom, variable discount plans for every situation.
- Apply date sensitive late payment charges, plus compound or simple interest, to any previous balance, allowing customer disputed amounts to be retained in the system until they are paid in full.
- Use billing formats, such as BDTs and CSRs, that conform to the C/BOS industry standard output specifications for accuracy and verification.
- Quickly and easily validate charges by rate category for all carriers billed under the single bill/multiple tariff meet-point billing option, including bill detail to the lowest level using either FCC Part 32 or specific revenue account codes.
- Download data from critical reports and files into Excel or a similar software product. This information is made readily available in a .csv format for customized reporting and analysis.

BDS-I can also be fully integrated with our MBS end-user billing and powerful Mediation solutions to provide an audit trail for tracking messages and minutes used by both billing systems.

#### *OTHER IMPORTANT FEATURES INCLUDE:*

- Complete fulfillment services.
- Delayed usage breakout to 24 bill periods.
- Unlimited Uniform Service Order Code (USOC) table for special access rates.
- Multiple billing formats including paper, bill image tape, CD-ROM, and electronic (E-Bill).
- Support for rate zone billing and directional rate access.

#### **USER GROUP**

The CDG BDS-I User Group provides clients a forum to discuss BDS, interconnect/access, and wholesale billing issues and their applications to our system. The information exchanged in regularly scheduled conference calls and annual meetings gives users a voice in identifying and prioritizing system enhancements and the scheduled rollout of future enhancements and upgrades. As an active participant in shaping the direction and regulation of the telecom industry, CDG ensures that our clients stay ahead of the demands of the market and keep pace with emerging technologies and regulatory changes.

#### **PROCESSING OPTIONS**

The system employs comprehensive user-defined options to add greater flexibility in addressing company, tariff, and IXC-specific needs. This unique design feature enables users to customize each account to a maximum detail level. The processing options consist of:

- Use of manual or mechanical MPB records.
- Batch processing of mass IXC billing.
- Assumed or actual usage by feature group.
- Batch rate and USOC rate charges for special access.
- Daily usage loading, which allows trending and usage verification to be done on a daily basis.
- Unlimited Uniform Service Order Code (USOC) table for special access rates.

#### **MECHANIZED FEATURES**

- Automated journal and summary file feeds.
- Automated tracking and trending processes for merges.
- A complete reporting package, including variance reports, which ensures full reconciliation.
- File acknowledgement and validation processes.
- Automated tracking to ensure that any records dropped due to insufficient data flow into an error file for investigation and subsequent billing.

#### **REPORTING**

BDS-I automatically produces administrative summaries as part of the billing process. A variety of monthly summary reports like the Special Access Listing, End-Office Listing, Company Master Listing, and Billing Rate Elements Report are readily available. Other administrative reports generated by the system include Detail of Usage Statistics and state and interstate forms.

#### *SYSTEM-GENERATED REPORTS*

- Monthly pull
- Daily call summary
- NECA AS1000 & EC1050

#### *JOURNALIZATION AND USER-DEFINED REPORTS*

- Summary of current billing
- Daily call summary
- Detailed revenue journal
- Adjustments
- Accounts receivable
- 30-60-90 days
- Journal tape
- End-office listing and end-office factor file
- Company master listing

#### *CUSTOM REPORTING AND ANALYTICS*

- Dashboard module provides business intelligence and analytics.
- Create custom reports and dashboards through the interactive QRT module.