

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

CDG's BDS and Interconnect ordering and billing system, BDS-I, is more productive than others in the market because it meets the highest industry standards and allows for the greatest flexibility. Our bills conform to C/BOS industry standards established by the OBF. Verification reports, bill histories, and invoices are available in multiple formats, and the system can easily be customized to meet clients' particular billing and collection requirements. The modules listed include both our online and service bureau solutions for BDS/special access, Interconnect, and wholesale billing.

## Accounting Interface

This module uses on-demand batch processes to automatically convert critical accounts receivable information created by BDS-I into file formats required by PeopleSoft (Oracle) or John Staurulakis, Inc. (JSI) accounting systems, as well as CSV or flat file formats that can be uploaded easily into any general ledger system. This automated process eliminates human error for submitting essential data into these systems.

## Adjustment and Other Charges & Credits (OC&C) Transaction Interface

Adjustment and Other Charges & Credits (OC&C) Transaction Interface automatically posts payments, adjustments and OC&Cs into an adjustment file to eliminate manual entry. The interface includes complete edit checks, detailed audit reporting, and error file recording with corresponding error codes.

## Bill Data Tape (BDT)

Bill Data Tape (BDT) provides the ability to produce mechanized access bills according to C/BOS industry standards.

## Collection Letters

A supplement to the treatment process, Collection Letters can automatically be created for carriers who have past due amounts for periods of 30-, 60-, and 90-days plus or 60-, 90-, 120-days plus outstanding balances. Based upon the user's chosen time period, three unique messages can be created at the carrier, feature group, or days past due levels and can be directed to all carriers or to specifically designated carriers. The collection letter process accounts for posted, real-time carrier payments and adjustments to ensure accurate balances are used. Collection letters are formatted to fit into standard window envelopes and can be distributed on pre-printed letterhead. A report identifies the number and categories of letters sent.

## Customer Service Record (CSR)

Customer Service Record (CSR) produces the mechanized Customer Service Record according to C/BOS industry standards.

## Daily Toll Processing

Daily Toll Processing allows merging usage into the BDS-I system as often as required to spread processing activities and allow errors accumulated in the recycle file to be corrected as they occur. This is the same subsystem used in the BDS-I outsourced environment that accumulates and effectively processes very large record counts each month.

## Derived Percent Interstate Usage (PIU)

Derived Percent Interstate Usage (PIU) affords clients the option to derive their own PIU from certain usage instead of adopting a carrier's PIU. CDG recommends that clients enter an applicable agreement with each carrier if this option is implemented.

## Discount Plan Compliance

Discount Plan Compliance works with CDG's current discount plan architecture to provide enhanced, options for analyzing, managing and mechanizing the complex dedicated and special access contracts your company has in place with their customers. The module provides automated updating capabilities, grace period management, penalty calculations, analytical reports for resource planning, and the ability to generate customizable compliance letters for customers that have contracts that are out of compliance.

## E-Bill

E-Bill allows companies to distribute invoices to customers via a web-based portal. E-Bill provides current account and invoice balance due information; options for viewing and printing current and past invoices, CSRs, and Bill Remittance documents; and the ability to make and track CDR/usage requests by

invoice. E-Bill employs strict security controls that meet the most stringent audit requirements. Companies can control by carrier what data and accounts can be viewed.

### **LERG/NECA File Interface**

LERG/NECA File Interface module allows automated posting of LERG and NECA #4 file information into the CLLI file to eliminate manual entry. Programs can then be used to update other screens within the BDS-I system. The module includes complete edit checks, detailed auditing reporting and error file recording with corresponding error codes. Customer has to have agreements in place to utilize LERG and NECA #4 files.

### **Localizer**

Localizer employs Tele-Tech's Localizer database to determine local usage based on the to- and from-NPA-NXX in the data record. The Localizer module includes online screens for viewing Localizer data for the valid local NPA-NXX relationships and the corresponding data definitions for the local tariff filed.

### **Mediation**

Mediation module helps overcome technical obstacles by gathering and preparing all of your diverse data for rating, usage distribution, and usage processing to standard industry formats. Mediation processes data from switches and other network systems and converts the information to manageable formats for billing, auditing, and reporting purposes, including detailed reporting of all invalid toll dropped in editing.

### **MTA IQ**

MTA IQ module can correctly identify terminating intraMTA wireless usage that is valid for billing. Usage records in which the LRN fields have been populated, are compared to MTA tables to determine the correct jurisdiction of the call. ILECs, CLECs, and other service providers can generate additional revenue regardless of their current arrangement by activating CDG's MTA usage and audit process.

### **Online Bill / CSR Display**

Online Bill / CSR Display provides the ability to view bills and customer service records online by invoice number. Twelve prior months of invoices and CSRs can be stored for viewing.

### **Payment Interface**

Payment Interface provides automated posting of batch payments into the payments file to eliminate manual entry. It includes complete edit checks, detailed audit reporting, and error file recording with corresponding error codes.

### **Point of Presence (APOP) Interface**

Point of Presence interface supports a mechanized input process for working with the POP records used to establish end office to tandem routes for billing switched access transport and facility access circuits. Standard record input, an edit process, and a status and report file detailing the output are provided, along with a data dictionary listing the input record and a document describing each field-by-field edit performed.

### **QRT**

QRT application allows you to quickly set up database queries through easy-to-use "Views" and define the output that is created from the query results, including custom reports and Dashboard gadgets.

### **Service Order Interface**

Service Order Interface allows automated posting of service orders into the facility access circuit files to eliminate manual entry. The module includes complete edit checks, detailed audit reporting, and error file recording with corresponding error codes.

### **SS7 Billing**

The SS7 Billing option offers retail billing of the SS7 functionality based on units that meet the C/BOS billing standard.

### **Unbundled Network Element Platform (UNE-P) Billing**

Unbundled Network Element Platform (UNE-P) Billing produces the unbundled network element platform invoices from the facility provider to the Unbundled Local Exchange Carrier (ULEC) customer. Outputs for the paper and BDT invoice meet the C/BOS industry standards and support the billing of such UNE rate elements as interoffice transport, tandem switching, local switching, end office trunk port charge, and the tandem trunk port charge.

### **Variance Report**

Variance Report provides a report and a file to segment usage information and revenue by traffic type and rate element. It includes a three-month comparison and variances between months reported.