Modularity Billing System (MBS): Overview

MBS is a highly scalable consumer invoicing solution designed to benefit large enterprises, mid-range carriers and smaller commercial and cooperative providers. MBS can help you improve invoice accuracy, optimize staff efficiency and reduce workload and operational costs, while increasing productivity, customer satisfaction and profitability.

BILL WISELY

Your company can deliver the fastest Internet, the clearest voice platform, the largest video line-up and the latest, hottest wireless, but you can't stay in business if you can't effectively document revenue streams and collect your customers' money. The telecommunications industry is complex; so is your product array. Your customers have to rely on your billing to be accurate, efficient, and fair. You need to bill wisely.

Daily billing challenges become opportunities when:
- You can accommodate local telephone, long distance, Internet, cable, VoIP and other services on one invoice.
- You have the most robust and reliable billing and invoicing systems available.
- You have the tools to bill wisely.

MBS provides fast, easy subscriber searches, a flexible account structure to facilitate management reporting, reliable cycle billing, multilevel security protection, subscriber entry wizards, full documentation and online help Landline, cable, and Internet services can be provided and billed on a single account, and MBS lets you promptly prepare well-organized invoices and statements—including bills for custom orders and promotions—in as many cycles as you need. MBS can also handled unlimited discounting packages and calling plans, and provide rapid interface integration with new CDG products or those of telecom partners

With CDG's MBS, charges can be grouped together to qualify for a designated benefit like a special discount or promotion. A new service can be rapidly devised, implemented, and deployed while users maintain control of bill content and other key elements, usually without the need for hard-coded programming.

Our MBS modules "feed billing" to ensure that you can process orders, manage activations and handle problems better than your competition.

FEATURES

- Supports wireline, Internet, cable, wireless, VoIP, IPTV and generic services billing
- Cycle and convergent billing
- Advanced reporting capabilities
- Simplified file and table maintenance
- Fast, efficient subscriber setups and searches
- Standardized, comprehensive taxing data
- Stringent product testing to ensure reliability and ease of operation

MODULES

MBS is a suite of interactive modules designed in a web browser interface. The system's architecture is industry-specific to allow clients the flexibility to react quickly to market demands. Clients can control rates, invoice content and other key elements without additional hard-coded programming. The MBS relational database structure is infinitely adaptable, adding functionality as required. The MBS modules provide the processes your company needs for error-free billing for all the telecom products you offer. Current modules include:

- **Customer Care**
- **Customer Invoicing**
- **Mediation**
- **Plant Records**
- **Trouble Reporting**
- **E-Care**
- **Cash Drawer**
- **Patronage**
- **Service Activation Manager (SAM)**

MBS databases can also be integrated with highly technical and robust auxiliary operational systems. CDG's CABS is MBS' companion product, providing a complete telecommunications billing solution. Take control of your bottom line with these efficient integrated billing tools. CDG's experience in end user billing and its tradition of relationship-focused service will help you respond more effectively to your customers' demands.

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MBS FUNCTIONAL OVERVIEW

MBS Users

Core Modules

- Invoice / Notice Fulfillment
- Customer Communications
- E-Care EBP&P
- Switch Activation Manager
- Mediation
- Cash Drawer
- Task Management
- Customer Care
- Rating
- Plant
- Trouble
- Capital Credits
- Invoicing

Customers
Switch Devices
Usage Feeds

Configuration / Utilities

- Security
- Configuration
- Utilities

Information Analysis

- Query Reporting Tool
- Dashboard
- Ad Hoc Reports
- Predefined Reports
- Data Extraction API

MBS Database

3rd Party Information Received (Mediation)

- TPM
- TAR
- MTA IQ
- LERG
- Localizer

3rd Party Information Received (Customer Care)

- Mapquest
- Census Data (FCC)
- Lockbox Payments
- Taxes

3rd Party Exchange (Customer Care)

- Payments
- Mapping Interface

3rd Party Information Sent (Customer Care)

- CARE
- E911
- White Pages
- LIDB
- CNAM
- Directory Updates
- MSAG
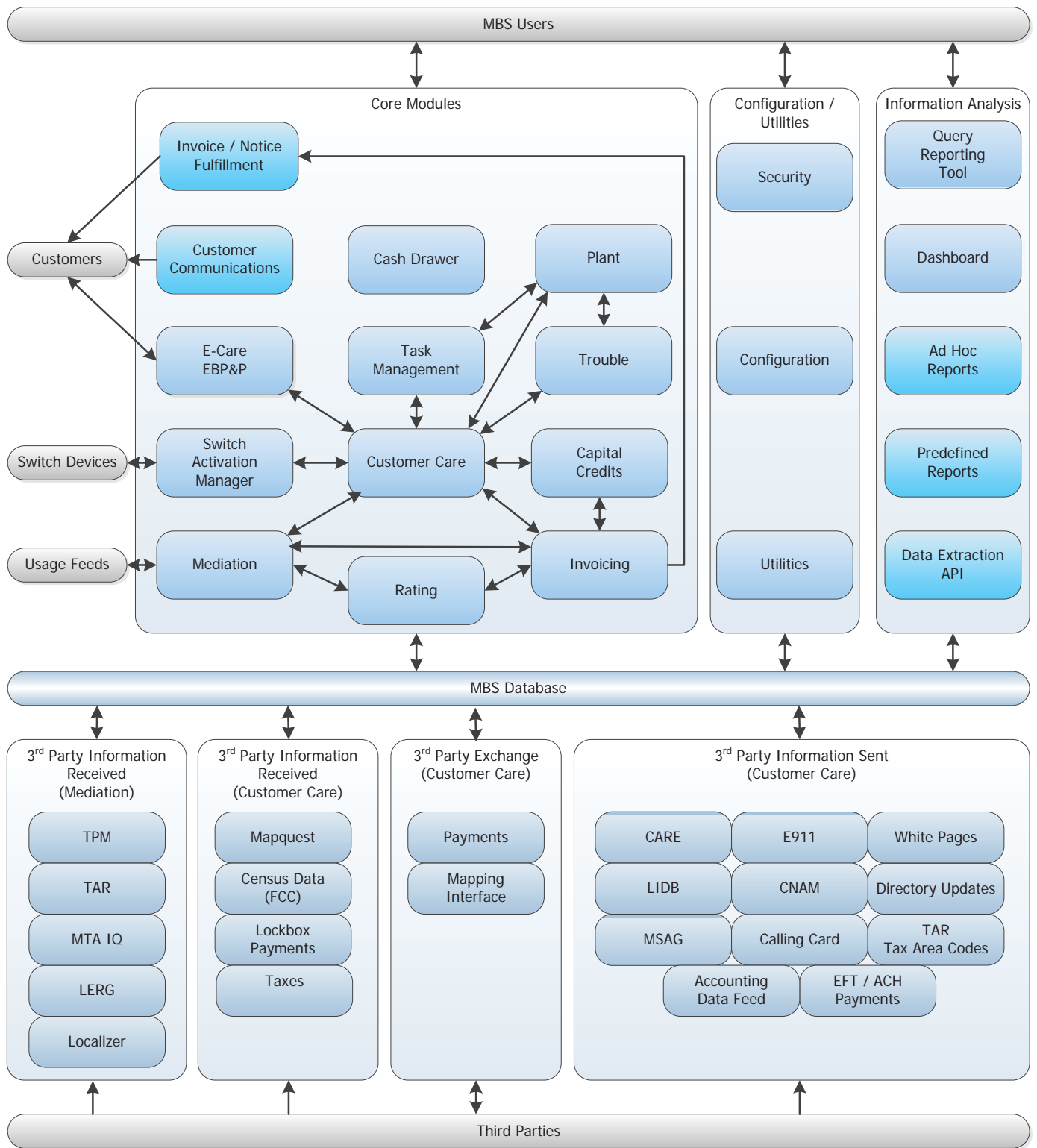- Calling Card
- TAR Tax Area Codes
- Accounting Data Feed
- EFT / ACH Payments

Third Parties

Fig. 1 MBS Functional Overview

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