

GABS

Convergent Customer Administration and Billing System



For any telecom business, the key processes of billing and charging are of special concern due to the great variety of services, subscription types and charging options. Furthermore, network operators not only have to respond to but also anticipate and plan for leveraging technology and managing price competition.

To be able to maintain their competitiveness and operating margins, it is of utmost importance for the operators to have a reliable system in place which takes care of all their billing and charging needs and minimizes revenue losses.

GABS, "General Administration & Billing System" from Atos, addresses these needs to provide a unique solution for Telecom / Internet billing market for Fixed Line, GSM/ GPRS/ UMTS, Wi-Fi/ WiMax, IPTV as well as Broad Band Networks. With innovative functions, such as cell-specific routing, functional addressing, and advanced speech call items GABS also meets special requirements from rail operators for their GSM-R.

Offering single-interface billing and reconciliation for effective service management, GABS is a proven, comprehensive and cost-effective solution for telecommunication networks.

GABS - General Administration & Billing System

- Field-proven across diverse global business environments
- Lightweight solution with pre-integrated online Credit mgt, General Ledger, Payments & Accounting
- Supported by revenue assurance functionality

Flexible and fast system rollout through an object-oriented component architecture

With its proven design and using the latest tools and technologies, integration of rating, billing, provisioning and customer care for multiple usage-based services is provided on a single platform. The system employs a reusable object oriented, component based architecture, which enables fast system implementation and service maintenance while keeping development costs low. It offers the flexibility initially needed by operators for providing single or multiple services, and for adding more services later on without requiring a complete redesign or a large development effort.

The wide range of supported functionality meets every need providers may have

With GABS you have a lot of functions at your disposal.

Subscriber administration, Single point of initiation, Provisioning

GABS offers a repository of information for maintaining information on current/ potential subscribers, dealers and agents, following up with dealers on customer leads and managing demographic information and accounts. You can even maintain updated information on all products and packages currently on offer.

With GABS, a service provider can effectively control operational as well as non-operational voice communication by profiling services based on functionality.

Interconnect Traffic, Roaming

GABS significantly simplifies billing and reconciliation while at the same time reducing costs and interconnect revenue leakages via its single-interface billing system. This is achieved by a great variety of advanced features, including sophisticated discounting, optimized routing, and automated reconciliation.

Rating, Billing, Payment Collection

GABS provides an efficient multi-threaded rating engine, which effectively handles all types of rating schemes across different networks. It also allows unlimited flexibility in managing complex combinations of tariff plans, discount schemes and payment modes. Payment features include web-based collection of payments, adjustments (both debit & credit), bill write offs, check realization, check bounce reporting and payment reversal. GABS offers a self-care and USSD-based payment mechanism. It also manages billing profile, network profile, IN profile, and SIM profile under a single umbrella.

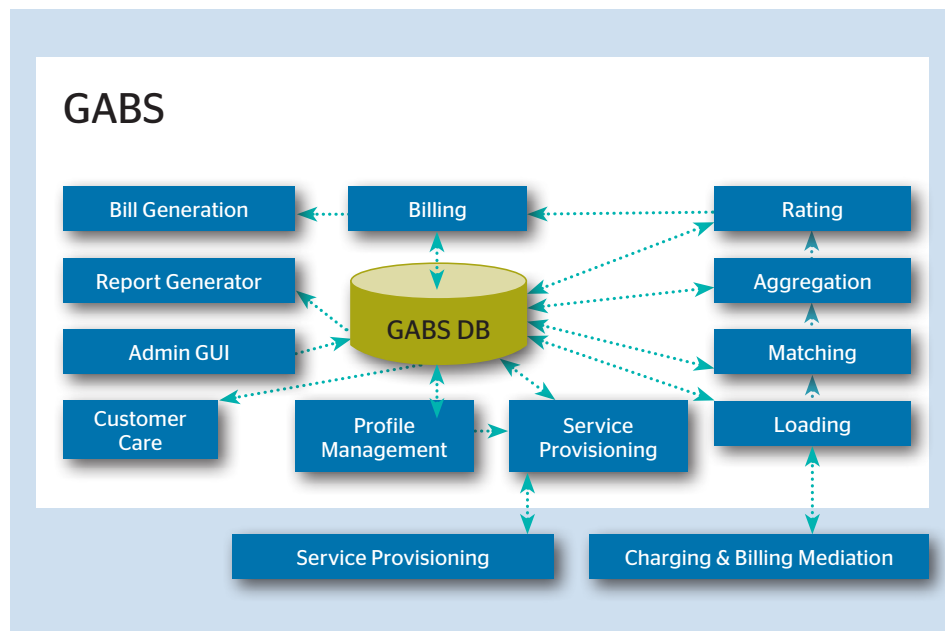
Uninterrupted Service, Distributed Architecture

GABS is implemented in Active-Standby mode ensuring highest availability. In case of the de-linking of an active server, the standby server automatically takes over the respective activities, ensuring round-the-clock service.

Advantages of a highly flexible all-in-one solution

GABS' scalability gives operators the flexibility to introduce new services as and when required. This eliminates the need for a technical redesign when new services are added. In addition, upgrades to GABS are simple and cost effective.

The reusable component-based architecture of GABS enables quick system implementation and maintenance while keeping development costs under control. An open industry standard interface allows fast integration to a variety of operational and business support systems. Powerful customer care interface and off-the-shelf network adapters contribute to minimizing implementation time frames and associated costs.



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