

Primal Data Services

The need to be able access email, J2ME/BREW mobile application information access, WWW access are just a few common examples of how users are becoming more connected to the internet in recent years. 2.5/3G wireless, WIFI, and emerging WIMAX network operators have responded by investing heavily the past few years into higher-capacity radio networks, and packet data networks to support this phenomenal growth in data traffic.

Regardless of the wireless broadband IP access (e.g. 1XRTT / EV-DO, GPRS/UMTS, WIMAX), Primal Technologies' Data Services meet these requirements by providing a turnkey solution to support your charging requirements to rate various types of data traffic. Additionally, subscriber self-serve web pages are included to allow subscribers to conveniently review their data usage (and call usage) costs and recharge their prepaid accounts by credit card (or recharge by included IVR using voucher purchased in any store).

Primal Data Rating Services receives real-time RADIUS/DIAMETER messaging from the Network Access Servers (NAS) and provides the appropriate rating for the subscriber which can be either based on time or volume of data transferred.

For the 2.5/3G operator, Primal Technologies also complements our Primal Data Services offering with optionally bundled Unified Messaging, SMSC, MMS Server and CDMA Over-the-Air Activation Services.



Primal Data Features

- Real-time charging support
- CAMEL Phase 3, RADIUS, DIAMETER
- Flexible Data rate plans and bucket data rating
- Voucher Lifecycle Management
- Real Time CDR Review allows subscriber data usage to be easily tracked with voice, SMS, MMS usage and miscellaneous charges
- Real-time session control with cut-off when subscribers' balance is depleted
- Real-time Revenue Reporting
- Group Billing
- Per Customer Configuration for Balance Thresholds
- WAP push notifications and post-call SMS/Email Notifications
- Web Access for subscribers
- IETF RFC 2865, 2866, 2869 support
- Complements Primal MMS Server used for peer-to-peer messaging and content downloads

Skylight Integration

- Customer Service Real-time Access To all CDRs
- Real-time Access To Account Status
- Engineering Real-time Monitoring
- Finance Access To Hourly, Daily, Weekly Monthly Revenue Generation
- Up to 1000 Customer Service Representatives
- SNMP Alarming based on Revenue or Call Volume
- Inventory management for prepaid vouchers
- Dynamic Searching based on Username/MIN/DN/IMSI/Card and Expiry Date
- System and Revenue Performance Monitoring