



Going further today ...

## Applications Today

1	<b>Mobile Advance Pay / Prepaid</b> (CAMEL, WIN, OCS) with Real-Time Charging for Calls, Data Sessions & Messaging, IVR, WWW Self-Care, USSD, Credit Card Recharge, Promotions
2	<b>Unified Visual Voice Mail</b> – Android and iPhone VVM including other advanced VM features
3	<b>SMSC</b> – MO, MT, Inter-carrier, SMPP content Email and WWW to Mobile, Personal SMS, SM-IP-GW
4	<b>Real-Time Signaling Mediation Gateway</b> – An ISUP/CAMEL/WIN/INAP to 3GPP DIAMETER message gateway service that allows CRM/BSS to support prepaid calls
5	<b>MMS Server</b> - Enabling the Mobile users with MO-MT (2 way) digital support
6	<b>OTA</b> - OTASP/OTAPA for PRL's, NAM, and Mobile Management

## OSP LX Specification

- Redhat Linux compatibility, the world's leading commercial Linux
- Industry-standard open platform that offers operators massive cost savings without compromising performance, reliability, security, or scalability
- Deployed on any commercial Linux hardware including HP, Dell, Huawei, among others
- Various storage mechanisms including on-board, or disk array

## Open Services Platform Description – OSP LX

Primal Technologies provides a continuous evolution of our Open Software Platform (OSP) solutions based upon the latest commercially available hardware architecture, the latest based on Linux-based hardware (OSP LX). While Primal Technologies continues to deploy Oracle/Sun hardware, the Primal OSP LX complements the OSP Hardware portfolio to provide an advanced services platform for all wireless, landline, cable, and value added service providers.

The Primal OSP LX is deployed in an N+1 configuration and readily supports ISUP, IS-41, MAP, SIP/RTP, HTTP/XML, DIAMETER / RADIUS, SNMP and TCP/IP and operates on a broad range of Linux servers platforms offering high reliability and scalability in a central office environment. One of the key advantages of the OSP LX is the software architecture, which is modular in design and allows multiple applications to operate simultaneously on the same platform. The OSP LX also implements Intranet and Java technology to provide customer access and remote system administration.

Primal Technologies continually evaluates various hardware server technologies to ensure the most optimal benefit vs. cost for OSP application customers. Our current list of partners includes: HP, Dell, Huawei, NMS, NewNet, Oracle, Cyber-Cash and Apache Server. As new hardware technologies are developed, Primal will continue to integrate the best components available to allow our customers to deliver the most flexible solutions on the Primal OSP.

## Additional Features

- OSP deployments are engineered for 99.99% high availability
- CDR Creation for External Billing or Internal Prepaid Billing
- Supports WWW 128 bit Encryption
- VoIP Enabled for MGCP & SIP
- Rating Engine for Real-time Call Processing
- Standards Based Network Management
- SS7/SIGTRAN TCAP/ISUP
- More than 10,000 Hours of Storage
- Customizable Web/XML Interfaces
- Voice to Email Integration
- Fax to Email Integration
- Pager Notification
- Support for up to 5 different languages simultaneously
- LTE IMS-Ready with concurrent 2G/3G/4G network support

