



Going Further Today...

Applications Today

1	Prepaid with real-time monitoring and voice response for each call
2	Voice Mail Basic, Advanced, and Unified Communications
3	SMS Enabling MWI; MO-MT (2 way text); email to SMS; Web to SMS; SMS to email
4	VoIP Gateway Plus combination TGW & Voice Mail
5	IVR for customized Intelligent Network applications
6	MMS Enabling the Mobile users with MO-MT (2 way) digital support
7	OTA Over The Air for PRL's, NAM, PUZL

Open Service Platform Description – OSP440

Primal has used its extensive experience and knowledge base to develop the Open Service Platform (OSP); an advanced, Enhanced Services Platform for the wireless and central office communities. By combining the strengths of the telecom and computer worlds, Primal can customize telecom applications in months as opposed to years.

Primal's OSP supports T1, E1, ISUP, PRI, IS41, SMS, SNMP, and TCP/IP and operates on a range of Sun UltraSparc platforms for high reliability in a central office environment. The OSP utilizes Intranet and Java technology to provide customer access and remote system administration. One of the key advantages of the OSP is the software architecture which is modular in design and allows multiple applications to operate simultaneously on the same platform.

Additional Features

- The OSP has been designed for 99.99% high availability.
- The OSP can support up to 5 different languages simultaneously.
- CDR Creation for External Billing or Internal Prepaid Billing.
- Supports WWW 128 bit Encryption.
- Scalability from 1 to 16 T1/E1.
- Raid 1 - 5 Disk Strategy.
- VoIP Enabled for MGCP & SIP.
- Fax Support.
- Rating Engine for Real-time Call Processing.
- WWW Interface.
- Standards Based Network Management.
- Two DC Supplies.
- Hot Swappable Drives.
- SS7 ISUP / TCAP
- More Than 5000 Hours of Storage.
- Voice to Email Integration
- Fax to Email Integration
- Pager Notification
- Multiple SMDI Support

OSP440 Specification

- **Processors:** 1, 2, 4 Architecture Superscalar SPARC V9, UltraSPARC III Cu architecture
- **Memory:** 1 - 96 GB
- **Disk:** 1 - 4 18/36/73 GB
- **Attached Storage:** 1 - 16, 73 GB
- **Power:** AC or DC
- **NEBS:** GR-1089-CORE (EMC and Electrical Safety) GR-63-CORE (Physical Protection) SR-3580 Certification Levels

Primal uses the best supporting technology available to ensure the OSP applications are second to none. Our current list of partners includes; Sun, NMS, NewNet, Oracle, Informix, Cyber-Cash and Apache Server. As new technologies are developed, Primal will continue to integrate the best components available to allow our customers to deliver the most flexible solutions on the OSP.

