

BSNL- IOBAS Project, India

BSNL is one of the leading telecom operator operating across all the telecom circles in India. The service offering of BSNL consist of comprehensive range of telecom services like PSTN, CDMA mobile, GSM mobile, Broadband, carrier service, MPLS, VPN, VSAT, VoIP and IN services.

The customer subscriber base of BSNL is over 36 million and the UDRs (Usage Data Records) generated are over 105 million and expected to grow to more than 215 million UDRs in next 3 years.

Xalted's relationship with BSNL spans over three years and commenced with the successful implementation of the Interconnect Operator Billing and Accounting System (IOBAS). Xalted provided the convergent mediation system, xMedDy to cater to the requirements of BSNL.

Some of the modules of xMedDy provided to BSNL include the following:

- Convergent Collection
- Conversion
- Data stitching
- Duplicate Check
- Normalization
- Filtering
- Recycle Manager
- Output Manager

Some of the features of xMedDy are as follows:

- Supports multiple formats such as HTTP, Radius, Mail logs, OMC logs, GPRS,MMS,SMS, etc., BAF, EBAF, CDRs (standard and proprietary), ASN.1, XML, tML, IPDR, ASCII, binary, and other forms of data are included in xMedDy library.
- Configurable Collection/Polling Schedule
- Multiple Conversion Adaptors
- Combine split records into single billable event
- Reprocesses suspended records. Previously rejected faulty xDRs are reprocessed to find service usage details which can be billed to corresponding subscriber.
- Converts output data in the format as per the need of downstream applications
- Information can be delivered simultaneously to multiple systems

xMedDy has been hosted on Sun V 1280 server using Oracle 8i database. The system is working perfectly since its implementation, which completed 3 years and 3 months now. The system is serving the PSTN subscribers of BSNL in 14 circles of East and South zone.

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Note:

1. Xalted need to inform the above officer prior to contacting them.
2. Figures mentioned above are as on August 2008