

MTNL- IOBAS Project, India

The customer, MTNL is a large telecom operator, operating in two key metros of the country- Delhi and Mumbai. It has a PSTN, CDMA and GSM network and offers services- voice, data, messaging, video, IPTV, VoIP, Broadband, etc. to over 8 million subscribers generating over 70 million CDRs/ day.

Xalted Information Systems was awarded the contract for implementing all components for a convergent mediation system and report generation system, as a part of Interconnect billing solution on outsourced basis.

The mediation system collects records from multiple network elements, converts to a standard format & passes them on to the downstream system and also generates reports for performance of CDR generation system. The solution is handling complex network scenarios.

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

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

MTNL has the following benefits from xMedDy:

- System scalability to process millions of CDR's per day
- Support to different types of network elements
- Conversion of CDRs from any format to required format to feed to down stream applications
- Criteria and rule based filtering and normalization of data for different business requirements of downstream applications.
- Ample flexibility for operators to configure record correlation rules.
- Capability to manage heterogeneous hardware, multiple network management systems and a variety of OSS/BSS components from different vendors.

Xalted consolidated customer data for Mumbai and Delhi at a single location, from an OCB Alcatel switch using the CMISE protocol. From processing fixed-line and GSM CDRs 24x7x365 for different scenarios and service types, generating reports and delivering dynamic invoicing capabilities; Xalted, on a monthly basis analyses CDR's and passes to downstream applications.

The system is hosted over Sun V1280 servers using Oracle 8i database.

The system has been in operation for 3.5 years now.

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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