



MIDDLEWARE TELECOM PRODUCTS DEVELOPMENT CASE STUDY

CLIENT OVERVIEW

Our Client, an Enterprise ISV in Middleware Telecom products for Mobile Network Operators (MNOs) and provider of next-generation IP-based network and data services, enables operators to provide superior broadband and Internet services to their subscribers, with excellent rich media user experience and enhanced value added services. Our Client's other solutions include mobile data and video optimization technologies, Web acceleration, overall traffic management, and advanced revenue generating services. All of our Client's solutions are focused on delivering innovative mobile data services with optimal user experience, reducing network costs and complexity while leveraging existing infrastructure to generate new revenue.

KEY REQUIREMENTS

- Development and deployment of new business logic for the existing product messaging solution that allows mobile network operators to dynamically filter content being requested by or pushed to subscribers
- Development of a product platform to enable legacy subscribers to send /receive and Alerts platform as well as its support them
- Client needed a way for its Telecom customers to have messaging platform which will unite MMS/SMS and email messaging under one roof. For this they needed their Application Gateway product
- Develop and customize a multi-channel media-rich advertisement solution specializing in delivering optimized, multimedia ads over a variety of delivery channels
- Customization and implementations of Data monetization platform and Seamless Access Analytics
- Having developed/customized these mobile network products, Client involved Xoriant in end to end executions including QA, professional services, integration and operational support as well as help Client in their pre-sales activities

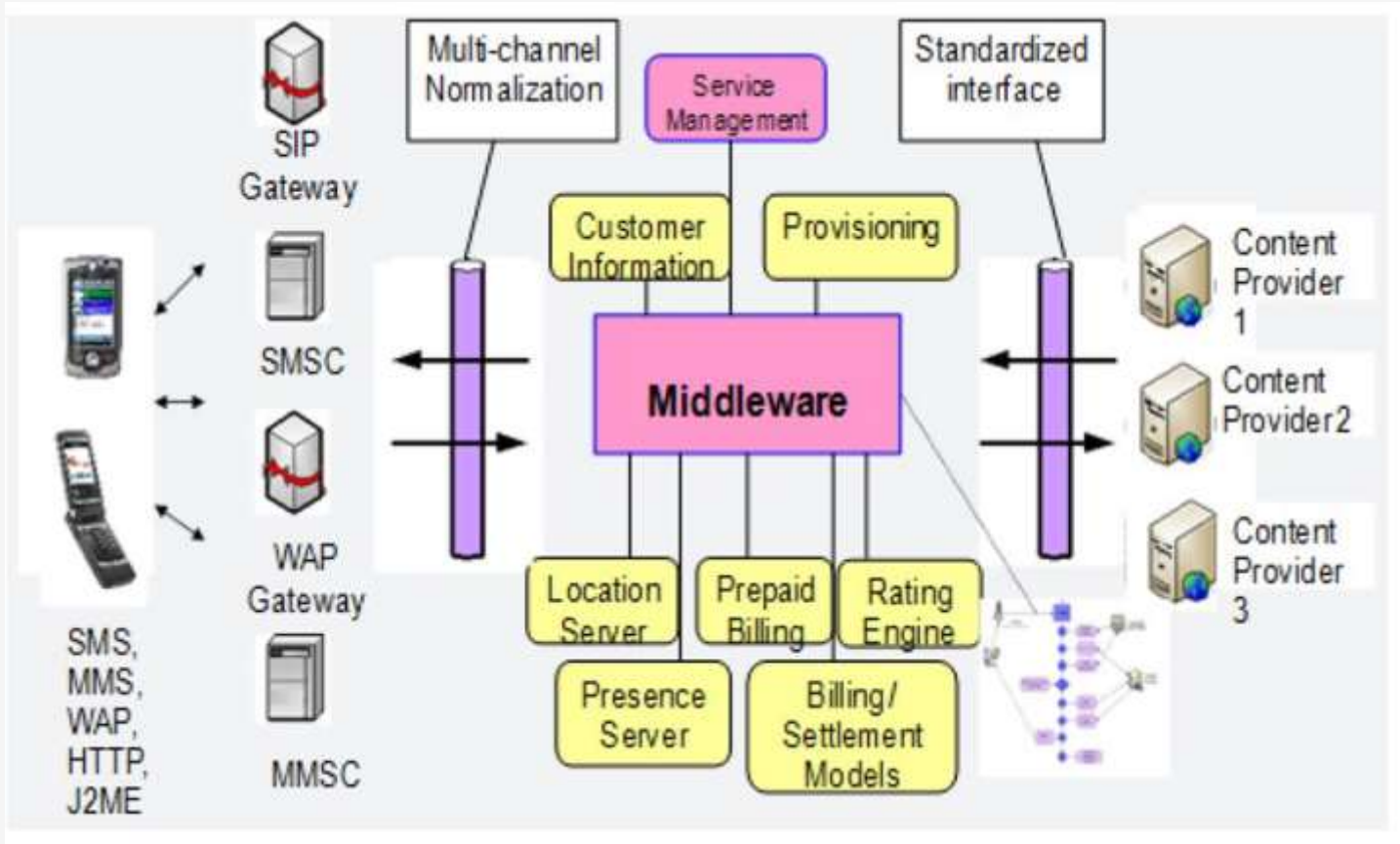
KEY CONTRIBUTIONS

- Xoriant contributed in developing and marketing of service messaging platform which mediates between subscribers and service providers, allowing a mobile network operator to quickly create and manage a wide range of value-added services, including downloadable ringtones, movie clips, news, gaming and much more
- Xoriant contributed in multiple releases of the messaging product with the TPS improved from 10 to 150
- Enabled rapid launch of new services and maximized premium transaction revenue
- Developed and customized Alerts and Data monetization platform
- Created an Application Gateway framework that uses industry standard RHEL platform with RHCS Clustering, Jboss configuration on IBM Blade Server Solution
- Developed and customised Seamless Access Product to analyse the Seamless Access traffic and produce results
- integrated Multi-Channel Advertising Platform, made for mobile operators with centralised user repository, network aware, media rich, managed service and shortened time to market

KEY BENEFITS

- Achieved 1000 TPS for Client's customer
- Implemented GFS on EMC Clariion to avoid disk access contentions
- Contributed in multiple releases of the messaging product with TPS improved from 10 to 150

HIGH LEVEL ARCHITECTURE



TECHNOLOGY STACK

- Java/J2ME stack
- JWSDK for Webservice
- Solaris
- Linux
- Jboss
- JDMK for SNMP
- Red Hat cluster solution
- SSL for Authentication
- Shell script for Installation
- JDK 1.4.2
- RHEL 4 update 5
- Jboss 4.0.5.GA
- JMS Service of Jboss
- JDMK for SNMP
- Shell script for Installation
- MySQL for Database
- Hibernate

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About Xoriant:

Xoriant Corporation is a Product Development, Engineering and Consulting Services Company, serving technology startups as well as mid-size to large corporations. We offer a flexible blend of onsite, offsite and offshore services from our eight global delivery centers with over 2000 software professionals. Xoriant has deep client relationships spanning over 25 years with various clients ranging from startups to Fortune 100 companies.