Next Generation Network OSS/BSS Market and Forecast 2008-2013

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Nov. 23, 2009 - *PRLog* -- Report Summary

Next Generation Networks (NGN) promises a high quality end-user experience. Telecommunications service providers expect the NGN framework to provide them with tools that would ensure customer loyalty. However, the path towards achieving the ideal NGN is fraught with formidable challenges. The most critical challenge confronting operators is optimizing their OSS and BSS platforms, systems, and processes.

The OSS/BSS vendor environment is extremely competitive with close to 400 vendors, mostly specialized in niches and having a strong services arm. Vendor categories include Comprehensive Solution Providing Pure OSS/BSS Vendors, Comprehensive Solution Providing Composite Vendors, Skill-set Extension Solution Providers and Core Strength Concentrators - BSS and OSS. The vendor landscape is characterized by extensive M&A activity.

The report "Next Generation Network OSS/BSS Market and Forecast 2008-2013" provides a comprehensive analysis of drivers and issues related to technical and business aspects of OSS/BSS deployments and developments while forecasting their growth over the next five years.

Important Questions Answered by this Report
What are the telecom network operator interests in NGN OSS/BSS?
What are the challenges to OSS and BSS implementation?
What are the best OSS and BSS approaches for NGN?
What are the technologies involved in OSS and BSS?
Who are the leading vendors for NGN OSS/BSS?
What is the market forecast for OSS and BSS?
Additional Value in this Publication

Technical Overview of OSS and BSS in NGNs: This section begins with an introduction to OSS and BSS and their roles in the operator environment. It explains the various blocks that go into building of the OSS: Network elements, events, alarms and others. It next explains the BSS building blocks: Billing, rating, mediation, charging, customer care and others. This section is followed by the description of prevalent industry approaches like TMN - FCAPS model that are widely followed by operators. The section then analyzes the technical impact of NGN on OSS and BSS architectures.

Vendor Analysis: Profiles of 35 vendors offering OSS/BSS products and services for next generation networks. This section first explains the basis of vendor selection including vendor classification, innovative contribution, market leadership position and future growth path. Each vendor is then analyzed in the light of its product and solution portfolio, major implementations, differentiating aspects with other vendors and their future plans. The report includes recommendations to vendors including diversification, best practices, market segment, and solution approach.

Operator Case Study - British Telecom (BT): This section evaluates BT relative to its OSS and BSS initiatives with respect to its three principle lines of business, vendors involved, platform, and current approach to implementation.

Quantitative Analysis and Forecast: This section begins with a detailed explanation of the research methodology. Quantitative analysis includes measurable items such as billing systems, network management systems and their sub-classes (mediation, wholesale billing, retail billing, CRM, revenue assurance, resource management, task management, delivery management, synchronization management) along with geographical segmentation, trends and projections. Importantly, the quantitative analysis assesses the impact of various drivers and issues on the above measurable items, thus forming a logical conclusion of the quantitative discussion in the previous sections.

Note: This section represents a comprehensive forecast including Forecast Methodology by Overall OSS and BSS Software Market, Split by OSS and by BSS separately, by geography (NA, EMEA, CALA, and APAC), and by modular break-up including: Network Planning and Engineering (NPE), Fault Management (FM), Performance Management (PM), Provisioning and Service Activation (PSA), Inventory Management (IM), Billing and Customer Care (B&CC), Mediation (MD), and Revenue Assurance (RA). The section also includes OSS/BSS Vendor Rakings Based on Net Profit Margins.

Target Audience

Network operator managers tasked with making long-term architecture and support system decisions including vendor decisions

Product management personnel concerned with the impact of OSS and BSS systems on next generation application and services rollout such as IP Multimedia Subsystem (IMS) and technology and/or application frameworks or platforms

Managers and Directors tasked with OSS responsibilities and anyone that is involved in OSS/BSS decision making

Vendors, suppliers, and service providers to network operators interested in their prospects for selling into the carrier marketplace

Network and Engineering personnel seeking specific information such as leading OSS/BSS Approaches including as OSS/J, OSA/Parlay, MDA, Information Technology Infrastructure Library (ITIL). This publication has both business/market information and technical information!
Select Report Findings

Consolidated OSS and BSS revenues will grow from USD 15363.6 million in 2008 to USD 20303.4 in 2013 at a CAGR of 8.1%.
Revenues of traditional O
SS functions will grow from USD 7662.9 million in 2008 to USD 11485 million in 2013 at a CAGR of 8.4% while those of traditional BSS functions will grow from USD 7700.7 million to USD 8817.9 million in the same period

Performance Management will register the maximum absolute growth in terms of revenues among the traditional OSS functions followed by Provisioning and Service Activation and Inventory Management.

Revenue Assurance, Billing &Customer Care and Mediation will record the almost equal growth in terms of revenues in traditional BSS functions. Revenues of Billing & Customer Care will be almost flat while Revenue Assurance will emerge as the fastest growing BSS function.

APAC will top the growth in terms of revenues and percentage share among geographic regions
Share of services component in the revenues will increase from two-fifths to more than three-fifths

Report Outline

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What is NGN?
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Chapter 3: Approaches and Technologies
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Enterprise Data Organization Approaches
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Leading OSS/BSS Approaches
OSS/J
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Operator Case Study - British Telecom

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