

The Next Generation Network OSS/BSS Market and Forecast

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.

July 6, 2007 - [PRLog](#) -- Bharat Book Bureau, a leading market information aggregator has put forth a report-

'Next Generation Network OSS/BSS Market and Forecast

(<http://www.bharatbook.com/detail.asp?id=46920>)

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 "NGN OSS/BSS: Markets and Forecast" 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 Rankings 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!

Vendors Covered in Report

AdventNet Inc

Agilent Technologies Inc

AI Metrix

Alcatel

Amdocs
Argent Networks
Ascom Deutschland GmbH
BCGI
BEA
CBOSS
Celona
Ceon Corporation
Cerillion
Comarch
Comptel
Converse
Concord Communications Inc (Acquired by CA)
Convergys
Cramer Systems
Elsaq
Evolving Systems Inc
Fair Isaac
Formula Telecom Solutions
Granite Systems
Hewlett-Packard
IBM
Infosys
Intec
InterSystems
Intracom
IP Value
IPWORTH
LHS
Lightbridge Inc
Lucent
MetaSolv
Metratech
Micromuse
Microsoft
MindCTI Ltd
Monfox
Motorola
Mycom International
Nokia
Nortel
Openet Telecom
Orga Systems
Quallaby
Redknee
Redrock Communications
Siemens
Sigma Systems
SRIT
STROM Telecom

SubexAzure
Sun Microsystems
Syndesis
TechMahindra
Telcordia Technologies Inc
Trendium
TTI-Telecom
Vallent
Vallent Corp.
Vertel
Vitria
VPIsystems Inc
Operators Mentioned in Report
3 (Hutchison)
AAPT
Afghan Wireless
Airtel
Alltel
América Móvil
ARTelecom
AT&T
AT&T Wireless
BakCell
Batelco
Bell Canada
Bell South
BellSouth Communications
Brasil Telecom
BT
BT Wholesale
BTTB
Buoygues Telecom
Cable and Wireless
Camtel
Cbeyond Communications
Celcom
China Mobile
China Unicom
Chunghwa Telecom
Cincinnati Bell
Cingular
Cingular Wireless
Colombia Velcom (MDC)
Comcast
Cosmote
Covad Communications
Cox Communications
CSX
Cybercity
Deutsche Telekom

Digicel
Digitel Venezuela
Eircom
Entel PCS
E-Plus
Equant
Eschelon Telecom
ETB
Freenet.de
Globalstar
H3G
Hutch
Inmarsat
Intelco International Telecommunications
JTB
K'cell
Korea Telecom
KPN Carrier Services
KPN Group
KTF
MCI
Meditel
Meteor Communications
Mobifone
mobikom
MobilTel
MovieBeam
MTS
NavLink
Nepal Telecom
Netia
Nextel
NTT
O2
Omantel
Orange
Orascom
Paetec Communications
Pipex
Progress Telecom
Qwest
Rogers
SBC
SingTel
Sonera Carrier Networks
Sprint
Sri Lanka Telecom
Sunrise
Swisscom
T Mobile

TCAT
Tele2
Telecom Italia
Telecom Italia Mobile
Telecom Personal
Telefonica Del Peru
Telefonica Empresas
Telefonica S.A
Teleglobe
Telekom Malaysia
Telekom Srpske
Telenet
Telewest Broadband
TeliaSonera
Telmex
Telsim
Telstra
TelstraClear
TELUS
The MTN Group
TIM
Time Warner Telecom
TM Cell
T-Mobile
T-Mobile (Austria)
T-Mobile UK
Turkcell
Tyco Telecommunications
Verizon
Verizon Communications
Verizon Wireless
VirginMobile
Vodafone

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