

Overview of BOSS™

Broadband Operations Software Solutions

BOSS is a collection of solutions families that help cable operators manage and operate an HFC broadband network effectively and efficiently. The BOSS family of software solutions is a predictive and proactive system designed to integrate the diverse collection of existing systems deployed across the industry today, and provide broadband operators with systems and solutions to enable the most rapid and successful deployment of advanced services, and ensure their future providing all communication services in and out of the home.

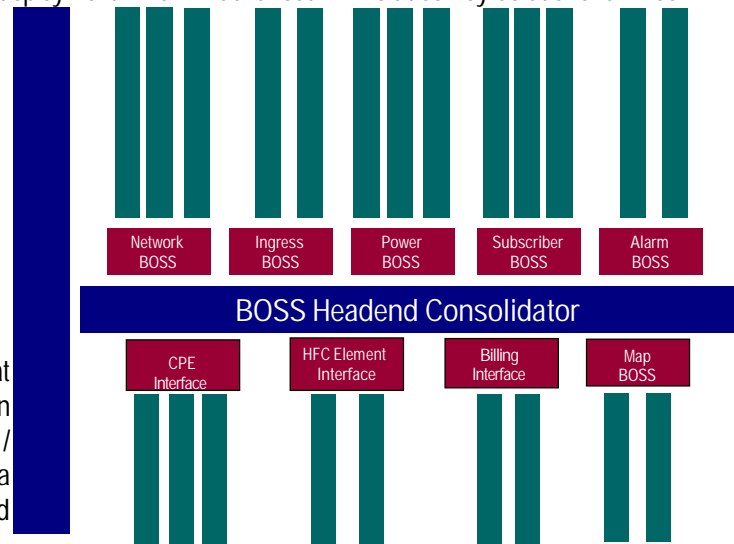
BOSS is a web based application with n tier architecture that isolate presentation layer, Intelligence / Analysis layer, Data Access layer and Data source layer.

The system based on n tier, distributed component architecture provides transparency at each layer and are easy to control. With this architecture, the system is highly flexible and adaptive to any changing needs of the customer. Moreover, the system has been provided with standard interfaces for system-to-network or system-to-system integration

BOSS provides a series of platforms to pull various operations together, both effectively and efficiently. It is a framework system comprises of various components ranging from web controls to pluggable adapters this allows the customer to buy only needed modules and grow the

system as their needs change. Moreover, it provides seamless integration with any network devices and any system including legacy. BOSS framework operates between EMS and NMS to provide scalable and reliable network operations.

The BOSS model works in tandem with any field proven element management system and includes key solutions families:



BOSS modular operations solution

?? MapBOSS Topology Interface

?? PowerBOSS

?? NetworkBOSS

?? AlarmBOSS

?? IngressBOSS

?? DataBOSS

?? SubscriberBOSS

?? ElementBOSS

?? Interface software modules, providing interoperation with DOCSIS CMTSsand modems,set-top bos systems and telephony manager.

Features

- ?? Eases integration of new devices, Element management system, and their proprietary tool sets into a network
- ?? Monitors fault, performance, topology, and connectivity information across all layers of the network hierarchy
- ?? Integrates service-level ordering, billing, and trouble-ticket systems
- ?? Exposes data as SOAP Web Service and in SNMP Format. Hence any third party monitoring solution can make use of data provided by BOSS.
- ?? BOSS depends on external data sources like topology data, billing data, etc for data analysis. A generic external data interface available as part of BOSS application framework to support different

About NeST

NeST is a global software solutions and application development Company with strong domain knowledge of Industry Automation, Real-Time Systems, Embedded Systems, Consumer Electronics, Avionics, Healthcare, Broadband and Networking & Telecom industry segments. NeST provides total solutions to Hi-tech industries right from hardware designing to integrated software application development. NeST is certified at ISO 9001 and was the 19th company globally to be assessed at SEI CMM

Level 5. NeST approach to quality has been continued with initiatives in CMMI and Six-Sigma techniques

NeST- AM Communications Relationship

AM communications, Inc., is the world's foremost pioneers and suppliers of HFC broadband network management systems. AM has 25+ years of experience in designing, building and implementing management solutions for the broadband HFC network. AM's solutions have been implemented in hundreds of networks worldwide and also partnered with leading industry's broadband network equipment suppliers.

NeST partnered with AM communication to build center of excellence in HFC broadband. Under this partnership, NeST developed a broad range of state of the art integrated solutions. Our facilities catering to broadband has been certified at ISO 9001 and have an extremely committed team of highly talented engineers with domain expertise in network elements, RF networks, data networks, SNMP, HMS, and VOIP.

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