Next Generation Broadband
Reduce Operational Costs With Automation

Overview

Recession Proof Your Business

NGB's technologies allow an operator to automatically control and manage cable modems, eMTAs, PCs and other IP devices on an operator's network. The DACS Advanced Application Server is NGB's core technology and includes all the intelligence for an operator to quickly and easily manage devices. Coupled with NGB's base applications for Data, Video, Voice and Wireless; operator's can quickly add on NGB's application modules to effectively address the various operational and business needs of their broadband services.

NGB's Proven Success

NGB's innovative product line is already saving millions of dollars for operators both in the US and abroad, dramatically improving operations and increasing revenues. NGB has done national deployments for both its Data and Voice applications. Build and deployments of these systems were completed in three to six months depending on operator's requirements.

NGB's team of engineers also have extensive experience with integrating NGB's systems with the operator's backend systems, including, major billing and CRM systems. These interfaces from design to pre-testing, at NGB's facility, take less than three weeks.

NGB's deployment track record means operators can quickly leverage NGB's solutions to rapidly address market needs.

NGB's Application Modules

NGB has a line of application modules that work with our DACS Advanced Application Server and base applications that automates:

- Activation of high speed internet
- Activation of voice services
- Activation of video services for proprietary set-tops as well as Tru2way devices
- Browser messaging to some or all customers
- Collection of payment from non-paying customers
- Pay As You Go broadband services
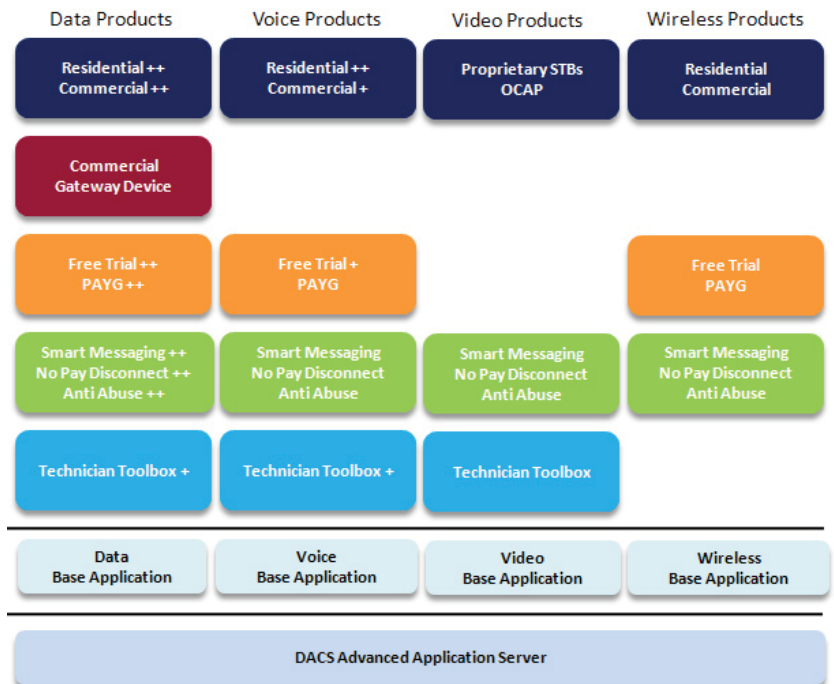- Free trials by customer, with built-in session management

A Better Way to Self Install

Our technology allows full end to end automation, from the operator data center extending out to customer premise equipment. With complete end to end productized automated solutions, benefits to the operator include:

- No major changes required to an operator's current architecture
- Deployments in three months
- Centralized network software – no hardware, no clients, no CD's
- Standardization of processes and quality control.
- No requirement for awkward customer reboots
- On-line reporting and "golden record"
- Provides BOTH consumer & technician workflows for self-installs and modem swaps
- Supports BOTH residential and business services activation models
- Detailed monitoring of customer and technician performance

Our Products

NGB has an extensive line of function based modules to address specific operator needs. These modules are special purposed NGB technology that can be used to add functionality to an initially deployed DACS Advanced Application Server and base application. These modules are specific to a base applications for data, voice, video and wireless services.

Data Products	Voice Products	Video Products	Wireless Products
Residential ++ Commercial ++	Residential ++ Commercial +	Proprietary STBs OCAP	Residential Commercial
Commercial Gateway Device			
Free Trial ++ PAYG ++	Free Trial + PAYG		Free Trial PAYG
Smart Messaging ++ No Pay Disconnect ++ Anti Abuse ++	Smart Messaging No Pay Disconnect Anti Abuse	Smart Messaging No Pay Disconnect Anti Abuse	Smart Messaging No Pay Disconnect Anti Abuse
Technician Toolbox +	Technician Toolbox +	Technician Toolbox	
Data Base Application	Voice Base Application	Video Base Application	Wireless Base Application
DACS Advanced Application Server			

+ Currently Available
++ Demo Also Available

System Architecture
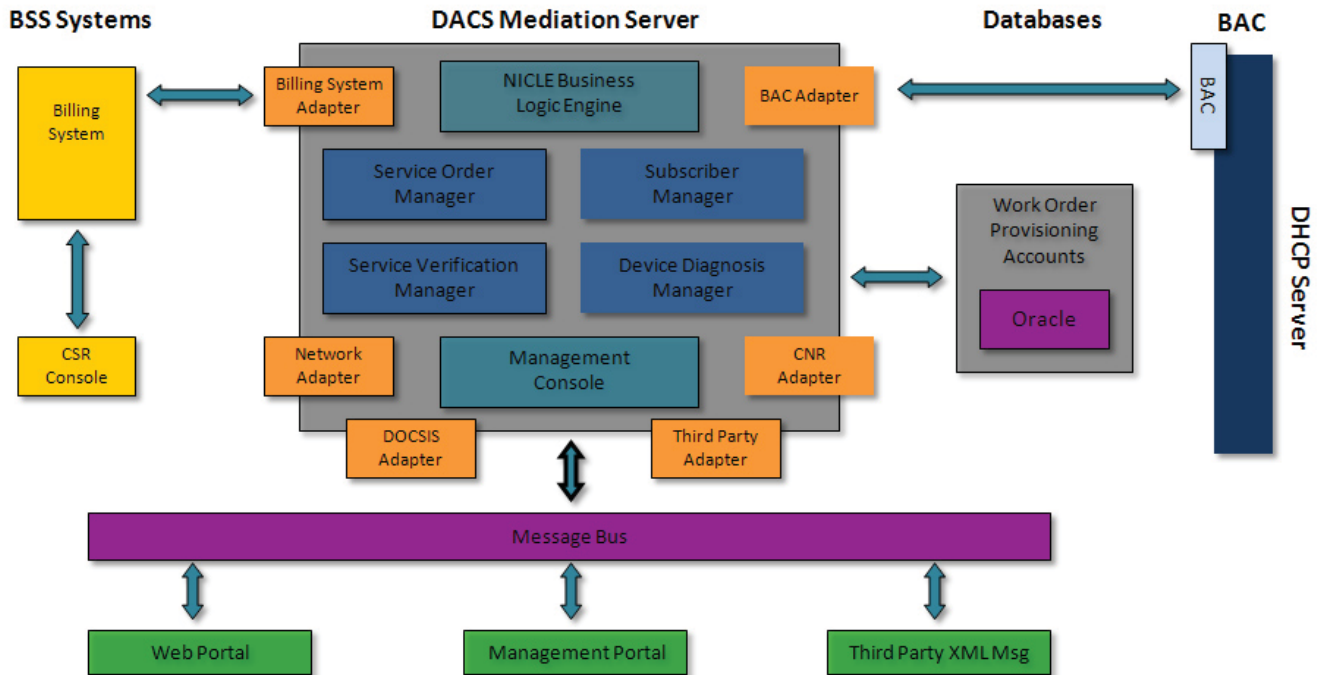
Technology Overview

NGB's DACS Advanced Application Server communicates with the operator's CRM or billing system, the DHCP system, and other possible backup systems. Each of the applications running under the DACS Advanced Application Server framework can use the same communication channel or message bus to communicate with the backend system (like billing or DHCP), as well as to communicate with each other. The plug-in application expand functionality quickly without heavy integration and programming work. The DACS server can scale both vertically and horizontally. Functionality Includes:

- Management of service order request directly from the billing system and perform any requested action
- Add, update, delete or suspend a subscriber service in the service order
- Store subscriber's information in its database such as name, primary email address and service location
- Verifiy that the subscriber's services have been correctly provisioned into backend or third party systems
- Generate reports on the verification results and alarm the discrepancies
- Perform network diagnosis and tests against CPE devices

Schedule Demo

Onsite and online demos are available for most of our products. The onsite demo systems are fully functional, self-contained systems, which can be set up in any office or conference room with an internet connection. Online demos are available via WebEx.

Schedule a demo
Demo@ngb.biz

More information
Info@ngb.biz

Marketing Team
Marketing@ngb.biz

Sales Team
Sales@ngb.biz

Technical support
Support@ngb.biz

Global Headquarters
1025 Thomas Jefferson St., NW
Suite 109
Washington, DC 20007
Telephone: +1-202-333-5766,
Toll Free: 800-394-1773
Fax: +1-202-333-5763
Email: northamerica@ngb.biz

Asia-Pacific Regional Office
281 Pacific Highway
North Sydney, New South Wales 2060
AUSTRALIA
Telephone: +61-2-4377-1176
Fax Number +61-2-4377-1965
Email: asiapacific@ngb.biz

Technical Specifications

Performance
- 10,000 transactions per day
- 20,000,000 hits per day

Interfaces
- Common java based adaptors
- System adaptors support all major protocols, including HTTP, JDBC, JMS, SMTP, etc.

Programming Languages
- Java, C, Visual C++, PL/SQL

Operating Systems Supported
- Windows VISTA, XP, 2000
- Macintosh 10.x and above

Browsers Supported
- Internet Explorer 5.5 and above
- Firefox 1.5 and above
- Safari

Other
- System adaptors Multi-threaded engine to support high volume of concurrent transactions
- CSS style and format for more consistent look and feel
- Pluggable adaptors that queue, execute, send messages and return responses from various external systems
- Timer services element to support processing of offline, scheduled transactions
- Message encryption for enhanced security
- Spring framework for modular, extensible architecture
- AJAX for Asynchronous communication between the browser and the application server