NGB Modules for Data

Overview

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 efficiently add on modules to effectively address the various operational and business needs of their broadband services.

DACS Advanced Application Server

The DACS Advanced Application Server contains a collection of technologies, including a workflow engine and message bus, that enables applications to be quickly added to an operator's network. An operator, once installing one of the base applications for Data, Video, Voice or Wireless, can easily add-on functionality through modules that work specifically with each base application.
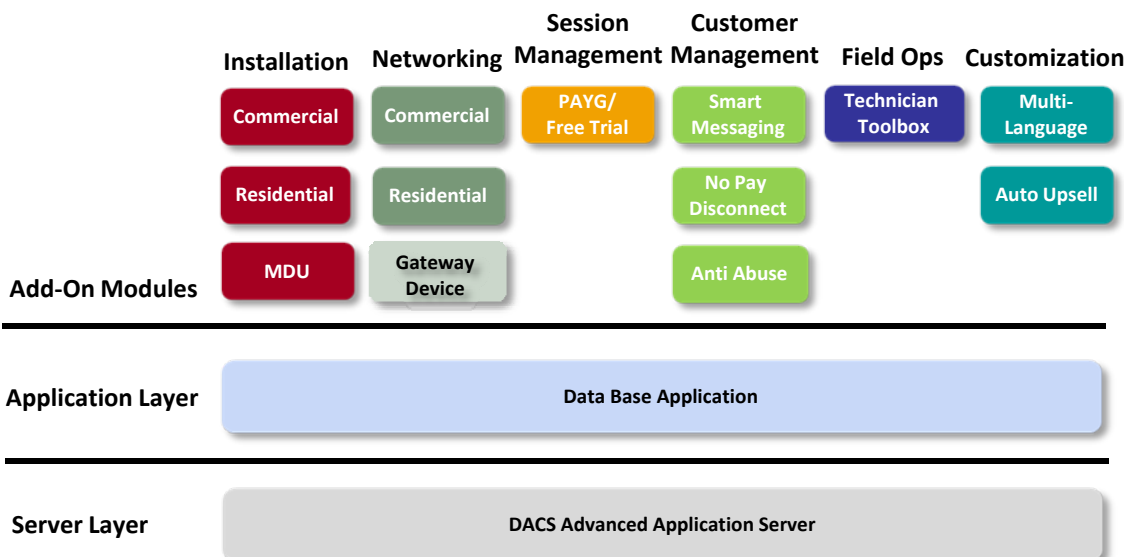
Base Applications

NGB has four base applications: Data, Video, Voice and Wireless, to support the DACS Advanced Application Server. These base applications have all the business logic and rules frameworks of its service group. For example, the Data Base Application has all of the business rules specific to data services. Additionally, each base application has a line of modules that allow operators to incrementally add on functionality to their datacenter based on business requirements. Operators can install additional base applications to the DACS Advance Application Server to support multiple service groups.

Add-On Modules

Add-On Modules are special purposed NGB technology that can be used to add functionality to an initially deployed DACS Advanced Application Server and base application. Add-On Modules are specific to a base application. Each module addresses specific operational or other business needs, including: installation, session management, customer management and field operations. Modular design allows operators to incrementally add functionality based on business requirements.

Data Architecture

*Light shaded modules available 2009

	Installation	Networking	Session Management	Customer Management	Field Ops	Customization
Add-On Modules	Commercial	Commercial	PAYG/ Free Trial	Smart Messaging	Technician Toolbox	Multi-Language
	Residential	Residential		No Pay Disconnect		Auto Upsell
	MDU	Gateway Device		Anti Abuse		

Application Layer	Data Base Application

Server Layer	DACS Advanced Application Server