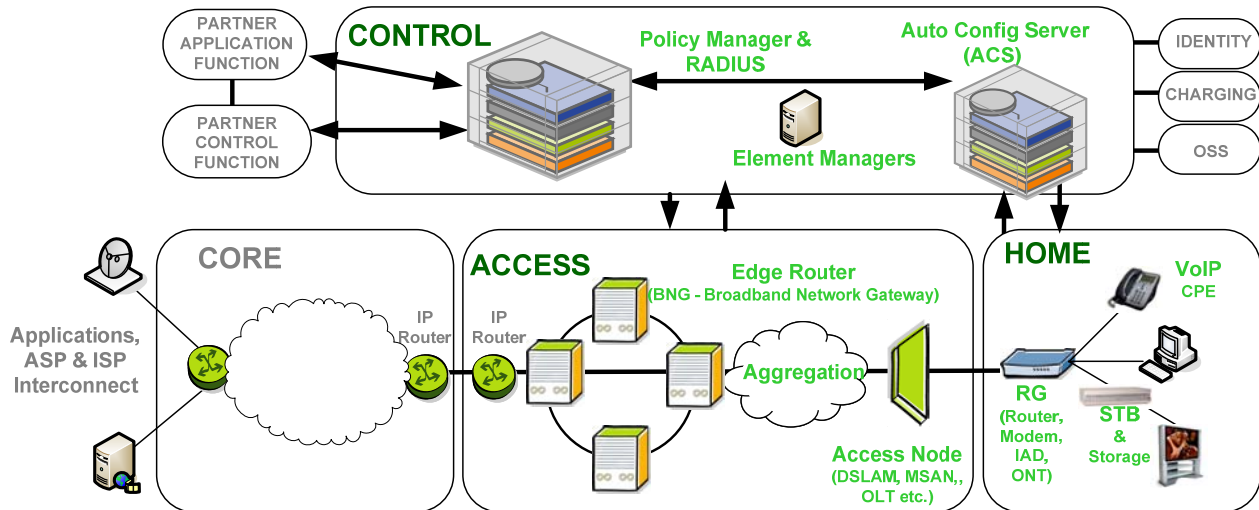


BroadbandSuite™ 3.0



Roadmap to Success

Over the last 15 years, the Broadband Forum has forged industry best practices and standards that developed DSL into the #1 broadband technology in the world. Maturing from defining basic physical layer transport parameters to optimizing multimedia service delivery across broadband, the Forum's work continues to evolve and to be aligned with real world broadband development and service provider requirements. Current work extends to access agnostic remote management specifications and to new fiber network solutions.

Today, the Broadband Forum offers more than 80 technical reports that provide a roadmap of broadband evolution. But how can a provider know which report to use, or which of the specifications work together to deliver an end-to-end solution?

The Broadband Forum is pleased to offer our technical reports packaged into formal BroadbandSuite Releases. The objective of the BroadbandSuite is to effectively communicate the solution sets via a coherent product release plan. The release plan then provides a development roadmap for the industry, improving standards adoption and awareness of new work.

The key strategic focus areas of the release plan are:

- Enhancing network speed options (and improving the integration of fiber access)
- Optimizing quality of IPTV delivery and support
- Addressing wireline requirements associated with Fixed/Mobile Convergence/IMS
- Identifying and improving the energy efficiency of broadband networks

BroadbandSuite™ 3.0

Bringing all the components together for effective and powerful IPTV

The latest Broadband Forum release, **BroadbandSuite 3.0** brings in powerful new capabilities which include:

- Triple-play access augmented via GPON or bonded DSL over a QoS-enabled Ethernet architecture
- Full support for multicast to enable IPTV streaming
- Integrated remote management of Set-Top Box & attached storage devices

ACCESS R3.0	HOME R3.0	CONTROL R3.0
WT-156 : Extending TR-101 to GPON fibre access systems	TR-135 : Residential Data Model for a TR-069 Enabled Set Top Box	TR-117 : Broadband Trouble Reporting
	TR-140 : Data Model for a TR-069 Enabled Storage Device	TR-141 : Protocol Independent Management Model for TR-101 Compliant Access Node
	TR-142 : Framework for use of TR-069 with PON Access	WT-147 : Layer 2 Control Mechanism
	TR-143 : CPE Throughput Performance Test Mechanism	WT-159 : Management Framework for xDSL Bonding
	TR-106v2 (PD-154) : XML Data Model Descriptions and Object Library	TR-176 : ADSL2plus Profiles for IPTV
	WT-107 : Internet Gateway Device Data Model version 2 (includes bonded DSL)	TR-169 : EMS-NMS Functional Requirements for Access Nodes Support for TR-101

Benefits

Optimizes IPTV performance

- ADSL2plus profiles set the bar for network provisioning
- CPE object models simplifies customer experience, and improves the service provider's bottom line
- Better troubleshooting techniques improves proactive maintenance and responsive customer service

Allows providers to seamlessly integrate fiber and bonded DSL options into their current network architecture and management procedures

- Faster options
- Efficient management
- Single architecture

Simplifies management of the latest devices coming into the home- STB, storage devices and PON devices

- Devices are easily recognized/provisioned by the TR-069 adherent ACS
- Easily managed and updated remotely as well

Overall, BroadbandSuite 3.0 provides a roadmap to ensure Quality of customer Experience (QoE) in today's multimedia environment.