

BroadbandSuite™ Release Plan



Over the last 14 years, the Broadband Forum has forged industry best practices and standards that moved DSL into the #1 broadband spot 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 even to fiber network solutions.

Today, the Broadband Forum offers more than 150 technical reports that provide a roadmap of broadband solutions. 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 current releases include BroadbandSuite Release 1.0 and 2.0.

Benefits of the Release Plan?

Ease of use

- Packages the Broadband Forum technical reports (TRs) into logical solutions
- Creates a common industry language

Roadmap, stay on cutting edge

- Provides forward notice of work in development
- Stimulates and prioritizes new contributions and work

Know where to go to influence upcoming standards and engage in standards bodies

- Reduces duplication of effort
- Improves Resource deployment

Simplified and improved communication with other organizations

- Creates a clear and common language regarding the Broadband Forum's scope of work and direction
- Makes it easier to incorporate/reference the Forum into standards bodies' specifications
- Offers the industry a Toolkit for broadband advancement

BroadbandSuite Release 1.0

Key Capabilities: Internet Access via ADSL or ShDSL over a QoS-enabled ATM architecture which supports Voice over IP and Video on Demand

ACCESS R1.0	HOME R1.0	CONTROL R1.0
TR-013 : Interface & Configurations for ADSL: Central Office	TR-061 : Interfaces and System Configurations for ADSL: Customer Premises	TR-024 : DMT Line Code Specific MIB
TR-025 : Core Network Architecture for Access to Legacy Data Network over ADSL	TR-062 : Auto-Config for the Connection Between the B-NT and the Network using ATM	TR-027 : SNMP-based ADSL LINE MIB
TR-042 : ATM Transport over ADSL Recommendation	TR-064 : LAN-Side DSL CPE Configuration Specification	TR-050 : CORBA v2 for ADSL EMS-NMS Interface
TR-043 : Protocols at the U Interface for Accessing Data Networks using ATM/DSL	TR-068v2 : Base Requirements for an ADSL Modem with Routing	TR-051 : DSL Specific Conventions for the ITU-T Q.822.1 Performance Mgmt Bulk Data File Structure
TR-059 : Architecture Requirements for the Support of QoS-Enabled IP Services	TR-069 : CPE WAN Mgmt Protocol	TR-066 : ADSL Network Element Mgmt
TR-060 : Interop Test Plan for SHDSL	TR-098 : Gateway Device Version 1.1 Data Model for TR-069	TR-090 : Protocol Independent Object Model for Managing Next Generation ADSL Technologies
TR-067 : ADSL Interop Test Plan	TR-104 : Provisioning Parameters for VoIP CPE	
TR-092 : Broadband Remote Access Server (BRAS) Requirements Document	TR-111 : Applying TR-069 to Remote Management of Home Networking Devices	
	TR-133 : TR-064 Extensions for Service Differentiation	

BroadbandSuite Release 2.0

Key Capabilities : Triple-play access via ADSL2plus over a QoS-enabled Ethernet architecture. Provides full support for multicast to enable IPTV streaming.

ACCESS R2.0	HOME R2.0	CONTROL R2.0
TR-101 : Ethernet-centric multicast-capable architecture	TR-124 : Functional Requirements for Broadband Residential Gateway Devices	TR-130 : xDSL EMS to NMS Interface Functional Requirements
TR-100 : ADSL2plus performance test plan	TR-069 Amendment 1 : CPE WAN Management Protocol	TR-129 : Protocol-Independent Management Model for Next Generation DSL Technologies
TR-067 Issue 2 : ADSL Interoperability Test Plan	TR-098 Amendment 1 : Internet Gateway Device Data Model for TR-069	TR-128 : Addendum to TR-090, Protocol Independent Object Model for Managing Next Generation ADSL Technologies
	TR-122 : Base Requirements for Consumer-Oriented Analog Terminal Adapter Functionality	
	TR-068 : Base Requirements for an ADSL Modem with Routing	