

The Use Case Focus Is

- Verify downstream bits per second (bps)
- Verify upstream bits per second (bps)
- Verify latency, verify packet loss
- Root Cause Analysis of issues
- Can test up to 1000 Mbps (1 Gbps US/DS)

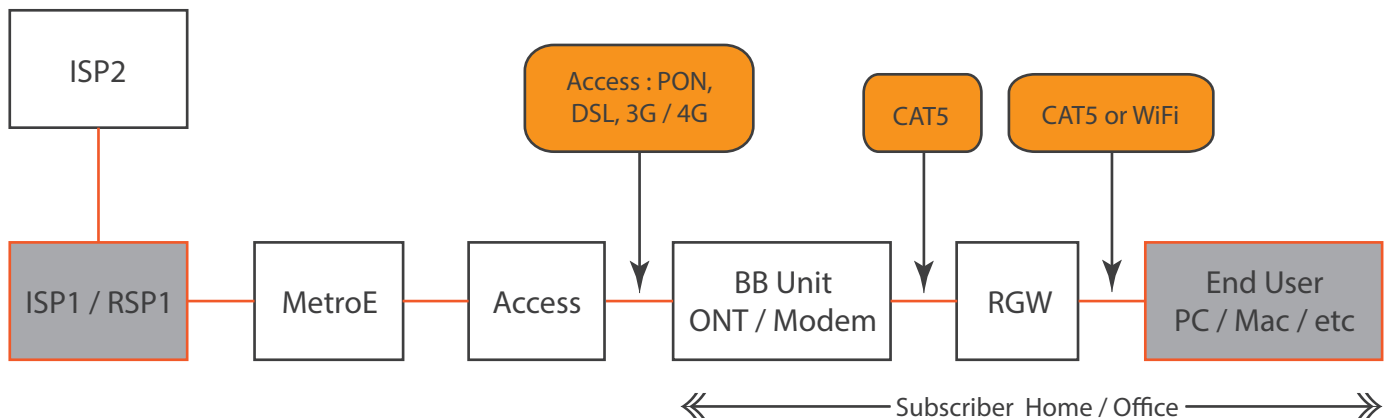
Benefits

- All parties can see the same results :
 - End user
 - Access provider
 - Retail service provider
 - Internet service provider
 - International gateway service provider, and if required,
 - The regulator
- Show historical performance metrics
- Prevents finger point on speed issues
- Identifies provisioning issues
- Identifies issues in the subscriber's home/office or PC setup
- More responsive to customer needs
- Verifier can run standalone or integrate with TR-069 ACS

Compliance

- Broadband Forum TR-143
(Enabling Network Throughput Performance Tests and Statistical Monitoring)
- Draft WT-304
(Broadband Access Service Attributes and Performance Metrics)

Architecture



There are three parts :

- The software client is downloaded and run in the PC / Mac / Android smartphone**
- The RSP installs the Linux 1U multi-threaded server in their data center**
- Overseas or International target servers can also be added**