Dear Broadband Forum Team Members,

Despite all the global challenges of the past year, I am proud to report that it was a successful year for the Broadband Forum. The scope of Broadband Forum activities continued to powerfully evolve and expand which can be seen in a number of metrics. In 2009, the IP/MPLS Forum united with the Broadband Forum to capitalize on synergies of work between the two organizations and to realize membership efficiencies. This union brings value to our members and the industry as our work now spans the network - core to user!

The relevance of the Broadband Forum’s work to the industry was proven by the sheer number and quality of member submitted contributions. In 2009, members submitted a record number of 1,341 contributions, driving industry agreements and forming technical specifications associated with development of 47 critical industry documents. This led to the completion of several technical and marketing reports, including key whitepapers, which are invaluable pieces of work as the Forum takes the lead in providing broadband industry guidance and education.

However, this relevance is also proven by external metrics, such as numerous invitations the Broadband Forum received to participate in and speak at industry events, as well as the tremendous (and growing every year) press coverage we experienced in 2009.

Our liaison and collaboration activities, under the lead of Robin Mersh, our COO and Head of External Relations, are as strong and effective as ever, working to avoid overlapping or duplicated standards and specifications. With the introduction of the internal roadmap, our work becomes more structured, even more focused on industry needs, and consequently the Forum is viewed by our external partners as a stable and reliable organization that delivers on its commitments.

While the scope of activities has expanded, we have maintained our focus on the areas identified as strategically important. As we end 2009, important next generation network architecture decisions are being made, TR-069 enhancements and device model specifications are completing, a new focus on business applications, mobile backhaul and broadband convergence initiatives are taking center stage, and our interoperability efforts are expanding to include GPON testing and a new IP/MPLS certification program. Other key technical activities center on the following themes: IPTV, Policy Management, Energy Efficiency, IPv6, DSL Quality Management, as well as improving Content Delivery.

On behalf of the Board and staff, I thank you for your continued support, and I know that with each of your company’s active engagement, the Broadband Forum can look forward to continuing to serve your needs and those of the broadband industry.

Sincerely,

Marcin Drzymala
Acting Chairman & President, Broadband Forum
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Committee Leadership

The work of the Broadband Forum is performed under two main working committees and a special advisory committee; Technical Committee, Marketing Committee and the Service Provider Action Council (SPAC).

**TECHNICAL LEADERSHIP TEAM**

**Technical Committee Chair:**
Gavin Young, Cable & Wireless Worldwide

**Technical Committee Vice Chair:**
Frank Van der Putten, Alcatel-Lucent

**Architecture & Transport Co-Chairs:**
David Allan, Ericsson
David Thorne, BT

**Architecture & Transport Vice Chair:**
Sven Ooghe, Alcatel-Lucent

**Operations & Network Management Chair:**
Peter Adams, Adtran

**Operations & Network Management Vice Chair:**
Moti Morgenstern, ECI Telecom

**Testing & Interoperability Chair:**
Les Brown, Lantiq

**Testing & Interoperability Vice Chairs:**
Lincoln Lavoie, UNH InterOperability Laboratory
Massimo Sorbara, Ikanos Communications

**BroadbandHome Co-Chairs:**
Greg Bathrick, PMC-Sierra
Heather Kirksey, Alcatel-Lucent

**BroadbandHome Vice Chair:**
Jason Walls, UNH InterOperability Laboratory

**IP/MPLS & Core Chair:**
Rao Cherukuri, Juniper Networks

**IP/MPLS & Core Chair Applications & Deployment:**
David Sinicrope, Ericsson

**IP/MPLS & Core Vice Chair Certification:**
Drew Rexrode, Verizon Communications

**GPON Interoperability & Conformance Testing Task Force Co-Chairs:**
Regis Coat, France Telecom
Alessandro Capurso, Telecom Italia

**Copy Editor:**
Michael Hanrahan, Huawei Technologies

**MARKETING LEADERSHIP TEAM**

**Marketing Committee Chair:**
Yue Chen, Juniper Networks

**Marketing Committee Vice Chairs:**
Steve Kingdom, NEC
Sultan Dawood, Cisco Systems

**Chair of International Development:**
Nikhil Shah, Juniper Networks

**Best Practices/Summit/BoF Chair:**
Dov Zimring, Occam Networks

**Ambassadors Chair:**
Dov Zimring, Occam Networks

**Ambassadors Vice Chair:**
David Christophe, Alcatel-Lucent

**SERVICE PROVIDER ACTION COUNCIL**

**SPAC Chair:**
Lynn Merrill, OPASTCO

**SPAC Vice Chair:**
Michel Borgne, France Telecom

The Broadband Forum Unites with the IP/MPLS Forum

A powerful new worldwide organization was created in 2009 by the union of the Broadband Forum and the IP/MPLS Forum. These two organizations brought together the industry experts who had, until then, looked at the evolving broadband network from its different ends. With this union, the core and access aggregation work of the IP/MPLS Forum seamlessly blends and strengthens the local transport and digital home management specifications of the Broadband Forum.

*Continued on page 4*
The Broadband Forum Unites with the IP/MPLS Forum  (Continued from page 3)

United under the Broadband Forum name, the new organization plays an increasingly influential role in defining interoperable network equipment for local broadband access, advancing mobile backhaul solutions as well as empowering the next wave of business services, IPTV, gaming and other applications as they arise.

The union followed an industry analysis undertaken by the IP/MPLS Forum Board in 2008, which concluded that convergence was the key to the future success of standards specifications work. It then focused on how its work aligned with other organizations and when, in June 2008, the former DSL Forum became the Broadband Forum – with a focus on convergence and technology agnostic solutions – it appeared that many gaps towards empowering a stronger end-to-end multiservice architecture could be filled by bringing the two organizations together.

With this union, there are three main changes to the organization. These are:

- In the Technical Committee area, a new IP/MPLS & Core Working Group has been established to continue the MPLS protocol related work brought into the Forum. This group also works closely with the Architecture & Transport Working Group to ensure architecture cohesion, especially in the area of access aggregation.
- In the Marketing Committee area, a new IP/MPLS focused Vice Chair has been added and new IP/MPLS Ambassadors inducted to represent the organization on MPLS related topics. There is also a new Chair of International Development established to ensure proper outreach into growth markets.
- For the 2009 year, a combined Board of Directors was established to oversee the transition.

As well as strengthening our global stance in the standards community generally, the union gives us more resources, wider expertise and the ability to make rapid strides in areas such as defining seamless end-to-end specifications, fostering greater interoperability, delivering enhanced Quality of Experience measurement, enabling greater mobile backhaul capabilities and supporting residential and business services. For our members, the involvement of the IP/MPLS & Core Working Group will bring even greater membership value as they will have the opportunity to play an influential role in how the networks of the future evolve.

Technical Committee Achievements

In 2009, our workload was immense as we covered 1,341 contributions, progressed 38 working texts (WTs), resolved 179 straw ballot comments and approved 10 technical reports (TRs). Following the Board’s strategic directive, each working group prioritized their workload to ensure that key IPTV, fiber, VDSL2 and remote management/troubleshooting work moved forward quickly. New work was also launched to address IPv6 and energy management.

Great progress was made as the BroadbandSuite 3.1 was finalized in December of 2009. This key release provides the industry with:

User related specifications

- Extend TR-069 provisioning and maintenance to ensure quality Femto Access Point mobile service and coverage
- Provide the framework to continue building recognizable object models for emerging online devices - adding to the family of products and services easily managed via TR-069
- Establish TR-069 use cases, expediting this management platform adoption

Management related specifications

- Define a Vector of Profiles (VoP) based object model for DSL configuration that allows for great flexibility of configuration without an undue burden of data storage in DSL Element Managers or DSLAMs. This is particularly important for VDSL2+FTTx deployment scenarios
- Help service providers implement efficient and cost effective network operation processes such as network creation, service delivery, service assurance and troubleshooting

Network related specifications

- Establish an industry agreed test suite, ensuring common VDSL2 global standards - thereby expediting VDSL2 adoption, and helping manufacturing cost and ultimately price reductions
- Offer whole house splitter specifications that enhance IPTV delivery and ensure consistent customer satisfaction
BROADBAND SUITE 3.1

<table>
<thead>
<tr>
<th>USER R3.1</th>
<th>MANAGEMENT R3.1</th>
<th>NETWORK R3.1</th>
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<tr>
<td>TR-157: Amendment 1: Component Objects for CWMP: Supported Data Model Table</td>
<td>TR-165: Vector of Profiles</td>
<td>TR-114: VDSL2 Performance Test plan</td>
</tr>
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<td>TR-106: Amendment 3: Data Model Template for TR-069-Enabled Devices</td>
<td>TR-127: Dynamic Testing of Splitters and In-Line Filters with xDSL Transceivers</td>
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Working Group Progress

In the Architecture & Transport Working Group, the team expanded their efforts on fiber access with WT-167 on PON fed DSLAMs, WT-200 on EPON and WT-201 on P2P fiber access. The work moved up the stack into FMC with WT-203 and continued work on a consolidated metro architecture & policy (WT134, WT145 and WT178). IPv6 was also a big initiative and will begin to bear fruit in 2010. Following presentations to the SPAC by Ofcom (the UK communications regulator) and other regulators, the group has been examining how Forum work can support the requirements of Active Line Access (ALA). This group also expanded our relationships and level of cooperation and engagement with the MEF, IEEE, ITU-T, ATIS, ETSI and IETF making us more effective in producing TRs of industry significance.

In the BroadbandHome Working Group, the Customer WAN Management Protocol (CWMP), also known as the TR-069 family of TRs, went through many updates to address new device requirements brought in via liaison with the Femto Forum, Open Mobile Alliance (OMA), Alliance for Telecommunications Industry Solutions (ATIS), Home Gateway Initiative (HGI), 3GPP and others. This close work with other organizations was critical in moving the industry forward effectively and ensuring better alignment and adoption of our specifications. Now implemented in more that 40 million devices, and required globally in service provider RFPs, this body of work is recognized as a de-facto industry standard.

A Femto Access Point data model (TR-196) was developed in conjunction with the Femto Forum and 3GPP. This new standard is critical for Fixed-Mobile Convergence and efficient operator deployment of Femto Services, and represents a major cross-industry collaboration achievement.

Work this year also progressed around north bound interfaces as the team developed their first northbound interface definitions and requirements (TR-131), continued assessing the impact of IPv6 in remote management address, and compiling technical input to a white paper on IPTV Self Installation Best Practices. Throughout the year there were two TR-069 Interoperability Plugfests.

In the Testing & Interoperability Working Group, the VDSL2 test suite achieved completion in 2009. Plugfests were a critical part of developing this work and over the year there were two VDSL2 Chipset Interoperability Events and two VDSL2 System Integrator Events. Dynamic testing of splitters introducing complex modeling of signals in support of POTS and IPTV delivery was progressed via TR-127, and guidelines for the operation of ADSL2plus low power mode have been developed as part of the Forum’s work on Energy Efficiency.

In the Operations & Network Management Working Group, the focus was on element management and service assurance. The approval of the Vector of Profiles (TR-165) was an important step towards expediting VDSL2 + fiber deployments. There was also progress in the DSL Quality Suite of specifications and the network management options for Bonded DSL and IPTV over DSL, which included a new white paper in development on IPTV Performance Monitoring and Diagnostic Best Practices.

With the union of the Broadband Forum and IP/MPLS Forum, the IP/MPLS & Core Working Group was formed and has focused this year on the transition of the IP/MPLS Forum work and developing initiatives started in the IP/MPLS Forum. Progress on MPLS in Mobile Backhaul, MPLS in Carrier Ethernet Networks and certification abstract test suites for both TDM over MPLS and ATM over MPLS has proceeded with little delay from the union. The Working Group continues to aid the Marketing Committee, generating an LTE revision of the MPLS in Mobile Backhaul tutorial as well as an LTE focused MMBI white paper just in time for 2010 MPLS and Ethernet World Congress. In 2010, the Working Group is looking forward to new work on additional test suites, addressing Ethernet over MPLS as well as fostering a close working relationship with Architecture & Transport Working Group on the Multi-Service Broadband Network Architecture.
Technical Plans for 2010

2010 will be a critically important year on several fronts with key deliverables including -

• Finalizing specifications on IPv6 transition and deployments by service providers
• Continuing the MPLS in Mobile Backhaul Initiative and MPLS certification program
• Progressing specifications for the next steps in the broadband architectural evolution
• Establishing new and collaborative work on GPON testing and interoperability, as well as potentially addressing in-home networking testing,
• Driving emerging work on energy efficiency, which will pick up importance once the industry economic conditions improve, and
• Broadening the Residential Gateway/IGD/Home Networking and end device management, which is our most referenced by other organizations and most utilized suite of specs

In all, 2010 promises to be a very busy and productive year. During the year, we expect to continue the joint work and liaison efforts that were so successful in 2009. The work of the Broadband Forum has truly provided a solid basis for industry adoption of a single remote management specification; and for industry aligned solutions for IPTV and triple play service bundles over broadband.

Liaison Program

The last year witnessed unprecedented levels of activity between the Broadband Forum and our liaison partners around the world, as the Broadband Forum has delivered major pieces of work and developed our industry relationships.

We received 78 incoming liaisons and sent out 71 liaisons to 18 different groups in the last year. We liaise our work around the world and as our scope of work has grown to address IPTV services, fiber technologies, FMC and energy efficiency requirements, the number of active partners has grown.

Our involvement in standards collaboration has continued with participation in Global Standards Collaboration 14 in Geneva, a workshop on energy efficiency in Paris and several conference panel discussions on future activities.

Our established liaison relationships such as the ITU-T, ATIS, IETF and ETSI continue to be very productive and significant to the industry. And many of the newer liaison relationships have blossomed into significant agreements and technical collaborations in 2009:

• 3GPP – TR-196 and FMC architecture considerations
• 3GPP2 – TR-196
• Femto Forum – TR-196
• Full Service Access Network – GPON interoperability and conformance testing
• Home Gateway Initiative – various requirements for residential gateways
• Metro Ethernet Forum – Active Line Access requirements and Mobile Backhaul considerations
• Open Mobile Alliance – converged device management

2009 Technical Reports

<table>
<thead>
<tr>
<th>TR #</th>
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<th>WORKING GROUP</th>
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<tr>
<td>TR-106</td>
<td>Amendment 3 Data Model Template for TR-069-Enabled Devices</td>
<td>BroadbandHome</td>
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<tr>
<td>TR-114</td>
<td>VDSL2 Performance Test Plan</td>
<td>Testing &amp; Interoperability</td>
</tr>
<tr>
<td>TR-115</td>
<td>VDSL2 Functionality Test Plan</td>
<td>Testing &amp; Interoperability</td>
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<tr>
<td>TR-127</td>
<td>Dynamic Testing of Splitters and In-Line Filters with xDSL Transceivers</td>
<td>Testing &amp; Interoperability</td>
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<tr>
<td>TR-131</td>
<td>ACS Northbound Interface Requirements</td>
<td>BroadbandHome</td>
</tr>
<tr>
<td>TR-138</td>
<td>Accuracy Tests for Test Parameters</td>
<td>Testing &amp; Interoperability</td>
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<tr>
<td>TR-157</td>
<td>Component Objects for CWMP</td>
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<tr>
<td>TR-157</td>
<td>Amendment 1 Component Objects for CWMP</td>
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<tr>
<td>TR-165</td>
<td>Vector of Profiles</td>
<td>Operations &amp; Network Management</td>
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<tr>
<td>TR-196</td>
<td>Femto Access Point Service Data Model</td>
<td>BroadbandHome</td>
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LIAISON OFFICERS

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<tr>
<th>PARTNER ORGANIZATION</th>
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<tr>
<td>3GPP</td>
<td>Collaboration</td>
<td>Jaume Rius i Riu, Ericsson</td>
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<td>Alliance for Telecommunications Industry Solutions (ATIS)</td>
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<td>Tom Starr, AT&amp;T (NIPP-NAI)</td>
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<td>Ed Eckert, Ikanos Communications (NIPP-NAI)</td>
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<td>Broadband Services Forum (BSF)</td>
<td>Liaison</td>
<td>Robin Mersh, Broadband Forum</td>
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<td>Consumer Electronics Association (CEA)</td>
<td>Cooperation</td>
<td>Robin Mersh, Broadband Forum</td>
</tr>
<tr>
<td>Digital Living Network Alliance (DLNA)</td>
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<td>Phil Skeba, Intel Corporation</td>
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<td>Digital Video Broadcasting project (DVB)</td>
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<td>William Lupton, 2Wire</td>
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<tr>
<td>European Telecommunications Standards Institute (ETSI)</td>
<td>Cooperation</td>
<td>Olivier Van De Wiel, Broadcom Corporation</td>
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<td>Femto Forum</td>
<td>Cooperation</td>
<td>Greg Bathrick, PMC Sierra</td>
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<td>Heather Kirksey, Alcatel-Lucent</td>
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<td>Home Gateway Initiative (HGI)</td>
<td>Liaison</td>
<td>Robin Mersh, Broadband Forum</td>
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<tr>
<td>Internet Engineering Task Force (IETF)</td>
<td>Liaison</td>
<td>Andrew G. Malis, Verizon Communications</td>
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<td>International Telecommunication Union (ITU-T)</td>
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<td>Metro Ethernet Forum (MEF)</td>
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<td>Open IPTV Forum</td>
<td>Liaison</td>
<td>Robin Mersh, Broadband Forum</td>
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<tr>
<td>Open Mobile Alliance (OMA)</td>
<td>Cooperation</td>
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<td>Telemangement Forum (TMF)</td>
<td>Liaison</td>
<td>Robin Mersh, Broadband Forum</td>
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<tr>
<td>Universal Plug And Play Forum (UPnP)</td>
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<td>WiMax Forum</td>
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<td></td>
<td></td>
<td>Heather Kirksey, Alcatel-Lucent</td>
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Service Provider Action Council (SPAC) Activities

The Service Provider Action Council (SPAC) is a service provider Board advisory group that brings the Service Provider community together to guarantee the Broadband Forum has continuous guidance on technical and service evolutions, and acts to ensure that key work items have service provider engagement needed to ensure timely standards delivery. At each meeting in 2009, the SPAC attendance averaged more than 50 attendees from more than 15 service provider companies.

Topics in 2009 included:
- TR-069 Adoption & Feature Enhancement Requirements
- Energy Efficiency; Industry Requirements/Effects and Operational Cost Impacts
- Seamless MPLS-Extending MPLS towards Access & Aggregation
- IPv6 Service Provider Requirements
- Policy Server Requirements and Options
- IP Session Monitoring
- Testing Requirements for Management Interfaces for the DSL Access Node
- Assessing the Promise of G.hn
- Architecture Direction; 2010 and beyond
Marketing Committee Achievements

In 2009, the Marketing Committee expanded its role in several directions. The team embraced a new mission - to be a catalyst to our industry; deploying resources to educate, liaise and promote new options and solutions, championing industry cooperation and expediting broadband growth. With this in mind, the group formed two tracks to organize the various efforts; Marketing Communications and Strategic Marketing. Marketing Communications continued the work focused on promotion vehicles, such as tradeshows, PR and web presence while the Strategic Marketing track began the development of new collateral, with a special emphasis on the development and timely release of critical white papers and tutorials to help the industry connect with the Forum’s work.

With this new focus, three new white papers were released to great industry response:

- Next Generation Broadband Access (MR-185)
- BroadbandSuite 3.0 Companion Guide (MR-186)
- Energy Efficiency, Dematerialization and the Role of the Broadband Forum (MR-204)

An additional 7 white papers are in development now, including ones on ALA, IPv6 and MPLS in Mobile Backhaul. Our first internally developed tutorial, MPLS in Mobile Backhaul went into Straw Ballot in 2009, with three additional tutorials in development and scheduled for 2010 availability.

Summit and Best Practices

The Summit and Best Practices Working Group raised the bar on securing high level informative keynotes and birds of a feather panels for the Forum’s quarterly meetings. The list of speakers and topics for the 2009 quarterly meetings is listed below:

<table>
<thead>
<tr>
<th>MEETING</th>
<th>KEYNOTE</th>
<th>BIRDS OF A FEATHER PANELS</th>
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<tr>
<td>Q1 Meeting –</td>
<td>Ludwig C. Graff Director Corporate Network &amp; Technology, Verizon Communications</td>
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<tr>
<td>New Orleans, USA</td>
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<td>Q2 Meeting –</td>
<td>Phillipe Lucas Vice President, International Standards and Industry Relationships, FT/Orange</td>
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<tr>
<td>Valencia, Spain</td>
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<td>“The Future of PON”</td>
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<td>Q3 Meeting –</td>
<td>Dr. Makoto Takano Research and Development Center, NTT West Corporation</td>
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<tr>
<td>Tokyo, Japan</td>
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<td>Q4 Meeting –</td>
<td>Thomas Bertram CTO Fixed Network, Magyar Telekom</td>
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<td>Budapest, Hungary</td>
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</table>

2009 Events

We maximized education and exposure by coupling conference speaking opportunities with educational booths at key tradeshows around the world. The results were phenomenal; increasing awareness of the Forum’s work, stimulating new membership growth and increasing liaison interest and activity. Moreover, these events enhanced the Forum’s press and analyst outreach programs by enabling the Forum to schedule face-to-face interviews and press conferences with key industry media and analysts.

Ambassadors

The Ambassador Working Group continued educating the marketplace about the work of the Broadband Forum. They are charged with placing Forum subject matter experts in speaking opportunities that showcase the Forum’s work and new specifications. In 2009 the Forum Ambassadors ensured that the Forum was represented in key industry events as well as engaged with other standards groups on the Forum’s work. It is critical that our education effort is global, and in 2009 presentations were made throughout the world.

Below is the 2009 Educational Booth schedule:

- IPTV World Forum
  - LONDON, UK
- CommunicAsia
  - SINGAPORE
- Broadband World Forum Europe
  - PARIS, FRANCE
- Telco TV
  - ORLANDO, USA
Public Relations
The launch of an industry union required careful press build up, a strong announcement and significant follow up to ensure global excitement and support of the union. The PR team was instrumental in the positive launch of the union and developing a strong funnel of other news to ensure the continued promotion of key technical work and initiatives such as the first ever Broadband Network Energy Efficiency Roundtable, the three new white papers and the release of BroadbandSuite 3.1. The amount of coverage this year was equal to the sum of the past three years, a significant achievement that speaks to the solid reputation and industry following of the Broadband Forum’s work.

Highlights of the Forum’s 2009 outreach program:

<table>
<thead>
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<th>OUTREACH 2009</th>
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<tr>
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<td>News Releases Issued</td>
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<tr>
<td>Media Interviews</td>
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<td>Analyst Interviews</td>
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<tr>
<td>Features Developed/Placed</td>
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<td>General Industry References</td>
<td>84</td>
</tr>
<tr>
<td>Member/Outside Forum Press References</td>
<td>113</td>
</tr>
</tbody>
</table>

Marketing Plans for 2010
As the Marketing Committee looks ahead to 2010, focus areas include:

- Promoting the next wave of BroadbandSuite releases
- Continuing to develop and promote our expanding library of white papers and tutorials
- Driving awareness of the continued benefit and capabilities of DSL in broadband deployments, especially when paired with fiber in hybrid deployments
- Promote our new certification efforts
- Establishing awareness of our work related to broadband convergence and mobile backhaul
- Developing new venues for communicating the value of the Broadband Forum work, i.e., social networking tools such as video promotion, Twitter and LinkedIn.

As the technical work advances and new releases become available, we will promote the benefits of this work. Continued byline and press outreach will ensure our work, including MPLS, IPv6, energy and fiber related initiatives, will be highlighted. Efforts will be made to place our white papers in external technology libraries to reach the most potential beneficiaries. Tutorials are already scheduled for two major events. And by leveraging three educational booths and four tabletop displays already scheduled at key regional events and the more than twenty-one Ambassador speaking opportunities already on our calendar - our marketing team promises to have a busy year.

Broadband Forum Membership and Operations
The Broadband Forum has been at the forefront of many of the changes happening in the broadband industry. Our membership has remained stable with only a slight drop from 202 member companies in 2008 to 197 in 2009, and we added new MPLS interested members with our union. Our regional base continues to align with the aggressively growing broadband markets, such as Asia.

The graphs (at right) show the diverse regional and industry segment breakdown.

The focus in 2009 for Forum operations was of course to ensure that member satisfaction remained high, and that services were delivered efficiently and cost effectively. 2009 has seen continued success with key objectives met and best practices maintained.

Continued on page 10
Broadband Forum Membership and Operations  (Continued from page 9)

The website has been enhanced with new online member tools; quarterly meetings were increased to five days; the Forum has seen significant effort to reduce its carbon footprint; support for volunteer editors has been enhanced and the operations of the IP/MPLS Forum have been successfully integrated.

2010 follows a very busy and successful year and the Forum is looking forward to delivering another year of operational excellence to its members. In challenging economic times the Forum will continue to strive for the utmost value for the investment our members make into standards.

Membership List  197 Total Members as of December 31, 2009

Principal Members (97)
2Wire
Actiontec Electronics
ADTRAN
Airvana, Inc.
Alcatel-Lucent
AT&T
AVM
Aware
Belgacom
Bell Canada
Broadcom
BT
Cable & Wireless Worldwide
Calix Networks
Celtro
Celtek
China Telecom
China Unicom
Chunghwa Telecom Labs
Ciena Corporation
Cisco Systems
Comtrend
Conexant Systems Inc.
Coming Cable Systems
Covad Communications
Cyta
Deutsche Telekom
D-Link
DISA
DS2
ECI Telecom
Embarq
Ericsson
Excelsus Technologies
EXFO
Fastweb
France Telecom
Freescale Semiconductor
Fujitsu
Gigaset Communications GmbH
Hellenic Telecommunications
Hitachi Communications Technologies America
Huawei Technologies Co., Ltd.
Ikanos Communications
Intel Corporation
Intellon
JDSU
Juniper Networks
Keymile
Lantq
LSI Corporation
Magyar Telekom PLC
Microsoft Corporation
Motorola
NEC
Netgear
Nokia Siemens Networks GmbH & Co. KG
Nortel Networks
NTT Advanced Technology
NTT Comware
NTT West
Occam Networks
Oki Electric
PacelFront AB
Pirelli Broadband Solution S.p.A.
PMC Sierra, Ltd.
Portugal Telecom Inovacao, SA
Qwest Communications
RAD Data Communications
Sagem Communications
Samsung Electronics, Co., LTD
Sprint Communications
Sumitomo Electric Industries
Swisscom (Switzerland, LTD)
Tata Communications
Tata Teleervices
TDC A/S
Teknovus
Telcordia Technologies
Telecom Italia S.p.A
Telecom New Zealand
Teledata Networks
Telekom Austria TAAG
Telekomunikacja Polska S.A.
Telenor
TeliaSonera
Tellabs
TELUS Communications, Inc.
Thomson
Tollgrade Communications
TRAC Telecoms & Radio
TTNet A.S.
Ustarcom
Verizon Communications
Westell
Zarlink Semiconductor
ZTE Corporation
Small Company Principal (41)
4Home
Acalis Networks
AIMS (INT) Ltd
Alphion
Applied Network Solutions, Inc.
Asoka USA Corporation
ASSIA Ltd.
Axerra Networks
AXIos
BandWD
Broadlight
Clear Access, Inc.
Coppergate Communications
Dimark Technologies, Inc.
EANTC
East by North
Entropic Communications
Ethernity Networks, Ltd.
Fine Point
Fraunhofer Institute
Gatespace Networks, Inc.
Gigle Networks
Inognito Software
Iometrix
LAN
Metania Communications
Mirifoe, Ltd.
Owera AS
Real Communications
Sparnetex Communications
Starbridge Networks, L.L.C.
Telbyte, Inc.
Telephone Equipment (NSW) Pty
Tiglin
Tracespan Communications
Traveling GmbH
TrendChip Technologies Corp.
UAEA Technologies Limited
Wilcom
Works Systems
Zeugma Systems, Inc.
Auditing (42)
AgaTech
Alford Manufacturing
Allied Data Technologies
Allied Telesis
Arcadyan Technology Corp.
Askey Computer
Ayecom Technology
Cambridge Industries Group
Camco Communications
Consona Corporation
Cincinnati Bell Telephone
Elisa Corporation
Espial Group Inc.
Fiberhome Telecommunications Technologies Co., LTD
Funkwerk IAD GmbH
Gemtek Technology Co.
Iksratel
Laadtekoma SIA
Mitsubishi Electric Corporation
Mitsubishi Research Institute, Inc.
Nemko AS
OPT New Caledonia
Pace
QA Café
Redline Communications
SaskTel
Sercotel Telecommunications
Shenzhen Gongjin Electronics Co., Ltd.
Singapore Telecommunications Limited
Sky Networks Services
SMC Networks
Sunrise Telecom Inc.
Suttle
Telekom Slovenia
Telkom SA Ltd
Telsys S.p.A.
Telstra Corporation Ltd.
Transwitch Corporation
Triductor Technology
XAVI Technologies
Zhone Technologies
Zoom Technologies
Zyxel Communications
Associate (17)
Communication Authority
ETRI
FTW
Ghent University
GPRT/FADE/UFPE
Instituto de Telecomunicacoes
International Engineering Consortium
ITRI
Ofcom
OPASTCO
Point Topic
Prairie View A&M University
Research Institute of Telecommunication Transmission (RITT)
Robotiker-Tecnalia
Stanford University
TNO
UNH Interoperability Lab
## Financial Report

Auditors John Waddell & Co, Certified Public Accountants, have audited the financial statements of the Broadband Forum. The following gives an overview over the key financial figures and indicators of the Broadband Forum.

### STATEMENT OF FINANCIAL POSITION

<table>
<thead>
<tr>
<th>December 31</th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Assets</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash and cash equivalents</td>
<td>$ 504,531</td>
<td>$ 535,626</td>
</tr>
<tr>
<td>Temporary cash investments</td>
<td>1,243,000</td>
<td>1,164,000</td>
</tr>
<tr>
<td>Accrued interest receivable</td>
<td>6,973</td>
<td>20,441</td>
</tr>
<tr>
<td>Accounts receivable</td>
<td>-</td>
<td>7,852</td>
</tr>
<tr>
<td>Prepaid expenses</td>
<td>27,480</td>
<td>14,436</td>
</tr>
<tr>
<td>Investments</td>
<td>750,437</td>
<td>578,953</td>
</tr>
<tr>
<td><strong>Total Assets</strong></td>
<td><strong>2,532,421</strong></td>
<td><strong>$ 2,321,308</strong></td>
</tr>
<tr>
<td><strong>Liabilities</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts payable</td>
<td>59,169</td>
<td>192,090</td>
</tr>
<tr>
<td>Deferred membership dues</td>
<td>463,160</td>
<td>488,900</td>
</tr>
<tr>
<td>Net assets – unrestricted</td>
<td>2,010,092</td>
<td>1,640,318</td>
</tr>
<tr>
<td><strong>Total Liabilities</strong></td>
<td><strong>$ 2,532,421</strong></td>
<td><strong>$ 2,321,308</strong></td>
</tr>
</tbody>
</table>

### STATEMENT OF REVENUE, EXPENSES AND CHANGES IN NET ASSETS

<table>
<thead>
<tr>
<th>December 31</th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Revenue</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Membership dues</td>
<td>$ 1,164,900</td>
<td>$ 1,114,800</td>
</tr>
<tr>
<td>Meeting fees</td>
<td>270,534</td>
<td>275,888</td>
</tr>
<tr>
<td>Sponsorship fees</td>
<td>64,984</td>
<td>167,755</td>
</tr>
<tr>
<td>Investment income</td>
<td>130,324</td>
<td>18,790</td>
</tr>
<tr>
<td>Net contribution from IP/MPLS</td>
<td>470,463</td>
<td>-</td>
</tr>
<tr>
<td>Other income</td>
<td>450</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total Revenue</strong></td>
<td><strong>2,101,655</strong></td>
<td><strong>1,577,233</strong></td>
</tr>
<tr>
<td><strong>Expenses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Meetings</td>
<td>599,333</td>
<td>492,444</td>
</tr>
<tr>
<td>Trade shows</td>
<td>22,893</td>
<td>187,833</td>
</tr>
<tr>
<td>Management fees</td>
<td>573,350</td>
<td>555,434</td>
</tr>
<tr>
<td>Marketing and public relations</td>
<td>332,368</td>
<td>407,412</td>
</tr>
<tr>
<td>General and administration</td>
<td>174,338</td>
<td>119,578</td>
</tr>
<tr>
<td>Miscellaneous/contingency</td>
<td>1,313</td>
<td>3,067</td>
</tr>
<tr>
<td>Technical committee</td>
<td>28,286</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total Expenses</strong></td>
<td><strong>1,731,881</strong></td>
<td><strong>1,765,768</strong></td>
</tr>
<tr>
<td><strong>Change in Net Assets</strong></td>
<td>369,774</td>
<td>(188,535)</td>
</tr>
<tr>
<td><strong>Net Assets – unrestricted</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beginning of year</td>
<td>1,640,318</td>
<td>1,828,853</td>
</tr>
<tr>
<td>End of year</td>
<td>$ 2,010,092</td>
<td>$ 1,640,318</td>
</tr>
</tbody>
</table>
Membership Levels

The Broadband Forum is an international non-profit industry association working cooperatively to develop the full potential of broadband. We have forged a powerful alliance of service providers and companies from virtually every sector of communications, networking and computer industries around the world to focus on determining common global technical specification, sharing deployment best practices, empowering the effective deployment of quality broadband access networks as well as facilitating development of digital home remote management standards.

Principal Membership - $ 9,750 US
- Attendance to all annual, general and committee meetings of the Forum
- One vote each on all Forum issues, technical reports, and marketing reports
- Access to all working documents, contributions, technical reports, and meeting minutes
- Eligibility to run for Board of Director and Committee officer positions
- Eligibility to submit Technical Committee and Marketing Committee contributions
- Subscription to all Broadband Forum email mailing lists

Small Company Principal Membership - $ 4,750 US
- All the privileges listed above for a Principal Member

Note: Small Company Principal Members must have had annual revenues under $10 million USD in the previous year and are required to submit a letter from their CEO stating this.

Auditing Membership - $ 3,750 US
- Attendance to all annual and general (i.e., Summit and Plenary) meetings of the Forum
- Access to all working documents, contributions, technical reports and meeting minutes
- Subscription to all Broadband Forum email mailing lists
- Auditing members may NOT attend committee meetings (i.e., Technical and Marketing Working Group meetings) of the Forum and are NOT eligible to submit Technical Committee or Marketing Committee contributions or vote on Forum issues, technical reports or marketing reports

Associate Membership - $ 1,000 US
- Attendance to all annual, general and committee meetings of the Forum (but not eligible to vote)
- Access to all working documents, contributions, technical reports and meeting minutes
- Subscription to all Broadband Forum email mailing lists

Note: Associate Members must be not for profit or educational institutions. Institutions will be approved for membership annually by a majority vote of the Board of Directors.

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