Service providers today are competing in rapidly evolving markets for broadband services. Not only are they under intense pressure to deliver innovative services, but they also have to evolve their networks to meet the growing needs of broadband consumers. Never before has it been so important to roll-out new network technologies quickly with fewer resources, and to achieve the maximum gains faster.

ASSIA Expresse Solutions empower the service provider to deliver new broadband services and to accelerate the deployment of the most advanced network technologies.

ASSIA has extensive experience working with service providers on planning and deploying next generation networks. Working with providers around the globe, the company applies best practices for implementing VDSL technology and bonded ADSL2+, in addition to conducting assessments for vectored VDSL. Furthermore, Expresse Solutions engagements are enabling the design, test, and implementation of retransmission technology, including lab study, field trial, deployment, and dynamic management.

**Highlights**

Expresse Solutions enable the service provider to maximize the return on investment from network transformations, including:

- Fiber-to-the-node and VDSL deployment to support IPTV
- Roll-out of bonded DSL to extend the reach of high-speed data
- Vectored VDSL deployment for delivering 100 Mbps performance
- Adoption of new DSL technologies for high-quality, innovative broadband services
- Replacement of legacy DSL with a fiber-to-the-home network
**EXPRESSE SOLUTIONS**
**NEXT GENERATION NETWORKS**

**DESIGN AND PLANNING**
- Equipment Validation and Test Plan Design
- Lab verification of new technology for expected deployment scenarios
- Network evaluation for technology introduction
- Line-by-line assessment of technology suitability and new revenue opportunity
- Network-wide impact assessment – quantification of benefits and costs
- Design of technology introduction program – upgrade planning
- Design of service offerings meeting both business needs and technology constraints

**ROLLOUT AND MAINTENANCE**
- Deployment of ASSIA’s DSL Expresse platform (if not already present in the network)
- Design of service qualification rules to maximize service reach
- Design of line optimization rules to make best use of new technologies and minimize disruption to legacy services
- Tracking of the roll-out effort and periodic progress reporting
- Quarterly system review – reporting and tuning to maximize benefits

ASSIA Expresse Solutions uses an end-to-end methodology that incorporates people, technology, and process for designing, planning, and deploying new network technologies.

**Why ASSIA?**

ASSIA is a strategic vendor and trusted advisor to leading broadband providers worldwide. The company’s Expresse Solutions are uniquely suited to assist service providers deploy advanced network technologies for broadband service delivery. ASSIA’s staff of experts are the original inventors of advanced broadband technologies and continue to be thought-leaders in this area. The company’s solutions are field proven, delivering major benefits to over 60 million broadband connections worldwide.