

# A versatile high speed connectivity option for both residential and business customers

## Gateway Access Service (GAS) from Bell

Internet access is critical for any business or consumer to communicate, conduct online transactions and a variety of other functions we take for granted today.

Because of its high reliability in delivering Internet access, DSL penetration in the high speed Internet market has become extensive – creating large opportunities for Service Providers (SPs).

Bell Wholesale has the most extensive DSL footprint in Québec and Ontario providing SPs and their end users the ability to benefit from this coverage.

### Solution

The Gateway Access service (GAS) from Bell Wholesale provides you with a low-cost solution that allows you to offer Internet access over Point-to-Point Protocol over Ethernet (PPPoE) to your residential and business customers.

GAS enables SPs to offer high speed Internet access using existing telco lines, while increasing market share within specific access markets. Our fibre-to-the-node services enable you to offer end users greater flexibility to choose the access that best meets their needs.

GAS also adds DSL to an SP's portfolio, providing a strategic building block for SPs in developing a value-added business.

### Features

- Service delivered over shared Permanent-Virtual-Circuit (PVC)
- Available in several asymmetric speed options:
  - Residential: up to 50 Mbps downstream and 10 Mbps upstream
  - Business: up to 50 Mbps downstream and 10 Mbps upstream
- Enables dynamic IP addressing
- Bell's Broadband Access Server (BAS) will communicate with any ISP Radius server to complete user authentication (based on an L2TP connection from the BAS to the service provider)

### Benefits

- Low-cost DSL service serving most residential and business needs
- Service does not tie up your end-user's phone line
- Fast response time enhances the Internet surfing experience
- Unlike cable, a dedicated loop prevents degraded performance when your end-user's neighbours are online at the same time
- Full installation option for legacy speeds

### Value-added service

#### Full Installation

Our comprehensive portfolio of wholesale products and services demonstrates our commitment to providing solutions that will help your customers grow their business and enable their success.

With this service, a Bell-qualified technician will perform the installation at your end-user's location. This will help ensure your customers have the Internet connectivity they want when they need it.

#### Dynamic Line Management

Dynamic Line Management (DLM) is an online tool that automatically analyzes and adjusts the speeds of the DSL lines to ensure they are performing at optimal speeds – based on the attainable speed of the DSL service provisioned.

DLM is an optional service offered at no additional cost to SPs and can be ordered for both new and existing DSL lines. SPs have the choice of ordering DLM as a managed service or, on a one-time basis when new DSL lines are installed.

DLM is designed with the end-user in mind. It helps SPs to more effectively manage their end-user experience by ensuring the DSL service is up and running - at optimal speeds - when it's installed and on an ongoing basis.

DLM can be ordered for our DSL legacy services as well as our new Fibre to the Node (FTTN) services ranging in speeds from 6 Mbps up to 50 Mbps.

### About Bell Wholesale

Bell Wholesale provides national and international clients industry-leading voice, broadband and IP wholesale solutions from across Canada and from key points in the United States.

We understand the needs of our clients who come from a variety of markets: inter-exchange carriers, local exchange carriers, wireless service providers, resellers, Internet Service Providers, telcos and cablecos.

To create the best possible customer experience, Bell Wholesale offers a full installation service for your business and residential end users.

For more information visit [wholesale.bell.ca](http://wholesale.bell.ca)

