



### Managed IP Stream

#### Dedicated Private DSL Network

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You can now enjoy all the benefits of your own private DSL network without the problems associated with managing a complex multi-site, multi-user wide area network. Waveworks will provide an end-to-end fully managed network relieving your business of the time-consuming day-to-day management of the network and users.

Based on BT's IP Stream product all end-users are connected via ADSL or SDSL connections to a private DSL network and routed down a central pipe directly into the customer's head office. The routed traffic does not pass over the Internet and remains at all times in a private managed network. Internet access can be provided to all or on a site by site basis if required.

End-users have a choice (subject to location) of assymetrical download/upload connections at speeds of 512KB/256KB, 1MB/256KB, 2MB/256KB and 8MB/800KB or symetrical connections of 512KB/512KB, 1MB/1MB, and 2MB/2MB.

The central pipe that aggregates the end-users to the customer's head office is available at 2MB, 10MB or 34MB and is terminated on a managed Cisco gateway router.

#### Network Management

Waveworks will install and remotely manage RADIUS and DNS servers at the customer head office plus a management server and communications link for our Network Operations Centre to continually monitor the central pipe for bandwidth utilisation and network performance.

The management of DSL tails including new provisions, migrations, cancellations and ordering of PSTN lines will be performed by Waveworks' Customer Services team.

#### End-user Support

Waveworks will install and remotely support all end-user routers including providing pre-configured replacements in event of a failure. A support help desk is available for either 1st line support to the end-user or 2nd line support to the customer's internal help desk.

#### Existing IP Stream owners

If you already have your own IP Stream network and are looking to outsource the management and support Waveworks would be pleased to discuss your requirements.

#### Features

- ▶ Secure private network
- ▶ Data encrypted not necessary
- ▶ Fully managed solution 24x7
- ▶ Internet access if required
- ▶ Upgradeable at any time
- ▶ Technical support help desk

#### Benefits

- ▶ Dedicated private network (not shared or over the Internet)
- ▶ End-end network management
- ▶ Highly scalable
- ▶ Flexible bandwidth options
- ▶ Releases internal resources
- ▶ Single point of contact