

## Surfwise M & Surfwise M Enhanced

# Increased Upstream Speeds For Faster Data Transmission.

**Annex M extends the capability of ADSL2+ by increasing the number of upstream bits. The downstream speeds can be up to 16Mb and up to 2.5Mb upstream\*. This increase in upstream is achieved by altering the upstream/downstream frequency split allowing upstream bandwidth to be increased from 1Mb to 2.5Mb, with a corresponding decrease in download bandwidth.**

Historically, increased upstream speeds have been out of reach for many businesses. The costs were prohibitive for many as the only available options were expensive SDSL or leased line circuits. Now with Surfwise M and Surfwise M Enhanced the possibility of higher upstream speeds is a reality for all SMEs as well as larger corporates.

Surfwise Annex M and M Enhanced are competitively priced services that have good business coverage and very importantly are future proof. They are an ideal option for businesses wishing to upload and download large files at similar speeds.

### What can Surfwise M and Surfwise M Enhanced do for you?

The increase in upstream data rates enables us to offer market differentiating services. We can now offer up to 30 simultaneous calls or multiple applications and real time applications on a Surfwise M and M Enhanced connection.

### Surfwise M and M Enhanced offers:

- ▶ **Speed** - By increasing the upstream data speed up to 2.5Mbps, users experience faster and smoother data transmission.
- ▶ **Ease of use** – Increased upstream speeds means users do not suffer traffic congestion when sending and receiving important data or video streams.
- ▶ **Cost Reductions**– Surfwise's Annex M products provide an alternative connection to SDSL as they deliver similar upstream bandwidth but at a lower cost.
- ▶ **Extra efficiency** – increased upstream speeds allow businesses to run efficiently and with cost-effective network services.
- ▶ **Remote user access** – A secure and cost effective option for businesses that encompass home workers and remote office users
- ▶ **New possibilities** – Since increased speeds of upstream data can be achieved with these Surfwise products, the possibilities of saving and sending data are dramatically increased.
- ▶ **An alternative** – These 3rd generation broadband products are a cost effective alternative to SDSL
- ▶ **Service** – Surfwise M Enhanced is ideal for businesses requiring a Quality of Service and a minimum bandwidth over their network.

## Surfwise M & Surfwise M Enhanced

### Specifications

	Surfwise M	Surfwise M Enhanced
Access / Backhaul weighting	Medium	High
Core network MPLS class of service	Business	Business
Maximum downstream speed	16Mbps*	16Mbps*
Maximum upstream speed	2.5Mbps*	2.5Mbps*
Prioritised downstream bandwidth	Not applicable	1024Kbps*
Minimum upstream bandwidth	Not applicable	1024Kbps*
Latency, jitter, packet loss guarantees	Not applicable	Yes
Enhanced Care	Optional	Included

\* Maximum speeds are subject to various factors including local availability, distance from the exchange and line test. If the line will not support up to 16Mb we will offer the best speed available on the line. Non business traffic may be restricted within business hours in order to protect legitimate business traffic. More specifically we may restrict peer to peer and news group traffic from 8am to 6pm. Requires an analogue line before broadband order or installation.

#### Surfwise Annex M products offer...

- ▶ Network resilience
- ▶ SLA of 99.9%
- ▶ A business focussed product
- ▶ A fast and reliable service
- ▶ A service run over an uncontended core network
- ▶ Enhanced upload speeds
- ▶ Rate adaptive technology
- ▶ Typical applications of: VOIP, Terminal Server, Citrix, Web, FTP and Email Servers

#### Surfwise Annex M Enhanced also offers...

- ▶ A prioritised downstream bandwidth of 1024kbps
- ▶ A minimum downstream bandwidth of 1024kbps
- ▶ Enhanced Care broadband package as standard