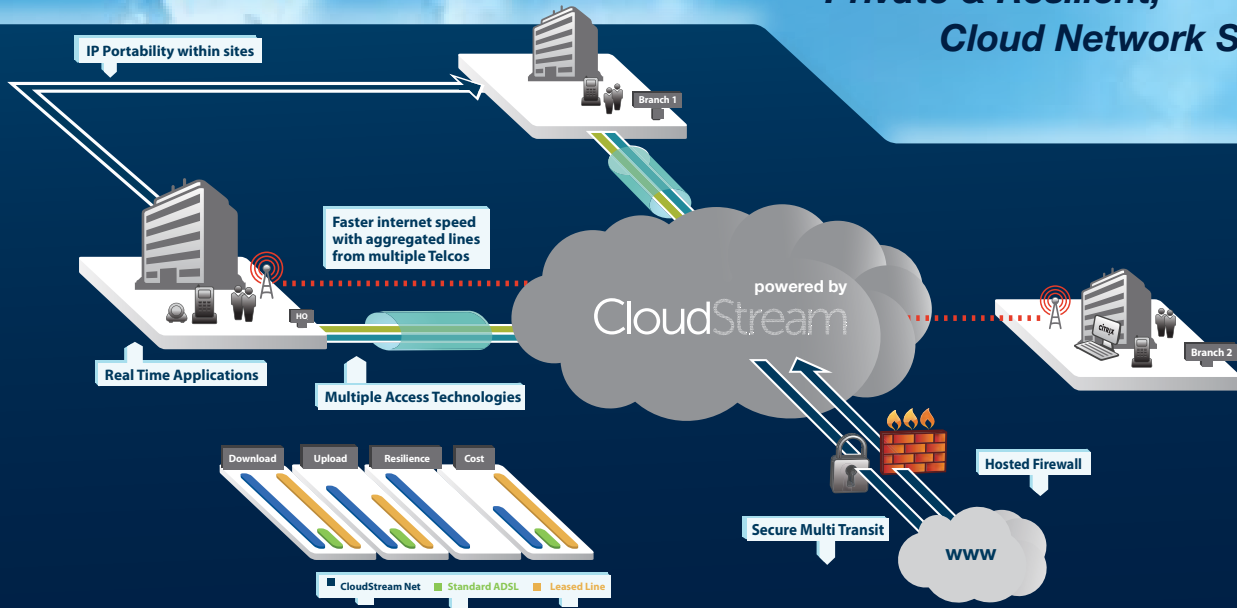


**'Private & Resilient,
Cloud Network Service'**



Go Faster. Spend Less. Do more

Novosco CloudStream Net is a cost-effective network service that enables organisations to connect to the internet or multiple locations via a private, resilient and high performance network, but at the fraction of the cost of a standard type service.

"We required Novosco to design a wide area network which would seamlessly integrate all of our sites into a cohesive, reliable network. Their grasp and innovative use of aggregated DSL technology has produced just what we wanted, delivering speed, resilience and performance."

Aidan Walsh, IT Manager, McAvoy Group

Connectivity options

▶ DSL

Traditional ADSL connections integrated into your private network.

▶ DSL Bonded

Aggregated multiple DSL lines from diverse carriers to present bandwidth as a single interface.

▶ Fibre-To-The-Cabinet

Fibre-to-the-cabinet high bandwidth VDSL based connections utilising existing copper phone lines into the premises and new next generation fibre optic links to the street cabinet from the exchange.

▶ Ethernet Services (Fibre/Ethernet First Mile)

High bandwidth, low latency, dedicated and uncontended fibre connections delivered directly into the customer premises.

Service Features

- ▶ Layer 3 MPLS Virtual Private Networks (VPN)
- ▶ Optional Hosted Firewall for customers using CloudStream Net for internet access.
 - Based on Fortinet Fortigate Unified Threat Management platform
 - Inline anti-virus
 - Intrusion Prevention Services (IPS)
 - Remote access SSL-VPN
- ▶ Optional Web filtering
 - Active directory integrated Weekly/ Monthly reports
- ▶ Dedicated CloudStream support and fully managed service.

Benefits

Cost Effective

CloudStream Net effectively allows you to deploy a private and feature rich network, but at a fraction of the cost of a standard leased line type service. Network costs can be reduced by up to 50%, whilst improving performance at the same time.

Scalable

Customer networks can be dynamically scaled up or down as business needs change. CloudStream Net can be used either on one site for improved internet services or alternatively used to mesh hundreds of branches together.

Resilient

CloudStream Net is resilient by design with geographically sparse aggregation points and firewalls, multiple tier 1 IP transit providers and a low latency, shortest path backhaul network. Our aim is to provide a highly available, high performance network infrastructure.

Managed Service

CloudStream Net is a fully managed WAN infrastructure with 24/7 monitoring, allowing trend analysis of bandwidth utilisation and point-in-time introspective analysis of application bandwidth usage to assist in rapidly troubleshooting and resolving IT issues.

Secure, Private Network

CloudStream Net provides all customers with a private network, but without the normally associated costs of a private solution. As a service, CloudStream Net brings together security and privacy benefits, as no data is exposed to the internet for inter-site traffic.

Typical Use Cases

Reduced Cost of leased lines

Improve upload and download speeds without huge costs

Deliver CCTV, Video Conferencing, VoIP and/or Citrix remote access cost effectively

Add more capacity when you need it, or scale back down to save costs

Seamless failover between different access technologies

Improve application performance such as online backup

Improve broadband speed, even if miles from the local exchange

Enhance disaster recovery/ failover and improve remote site replication times

▶ Multiple access technologies

CloudStream Net uses multiple media access types depending on the needs of your network. When designing your WAN deployment, Novosco will recommend an access technology depending on your applications' and locations' requirements for latency, bandwidth and reliability. CloudStream Net is a dynamic MPLS network not limited to using expensive leased lines.

▶ Failover

Multiple access technologies can be combined at a single location to provide simple failover. For example, a fibre tail to bonded DSL should the fibre fail. In this scenario your IP addresses are retained throughout the failover so no change is needed in your network when a failover occurs.

▶ Firewall

CloudStream Net enables you to take advantage of hosted firewalls based on Fortinet Fortigate technology. Your perimeter firewall becomes a geographically sparse cluster and a single point of management for all your remote sites, while availing of Fortinet's best-of-breed Unified Threat Management technology.

About Novosco

Novosco is a leading provider of virtual and cloud based infrastructure solutions with offices in Belfast and Dublin.

With a reputation for the highest level of accredited staff in the UK and Ireland our vendor accreditations include:

- ▶ Ireland's only accredited VCE Partner
- ▶ Ireland's only EMC Velocity Premier Solution Partner
- ▶ VMware Enterprise Partner
- ▶ Cisco Premier Partner
- ▶ Citrix Platinum Partner
- ▶ Microsoft Gold Partner

As a leading virtualisation expert, Novosco's CloudStream services compliment the network infrastructure of those who have already virtualised, whilst offering non-virtualised companies the ability to benefit from Cloud Computing.

Find out more, email cloudstream@novosco.com
Visit our website www.novosco.com

Novosco
CloudStream