



Converged Private Networks



Supporting voice  
and business-critical  
applications across  
multiple sites



# Harness converged voice and high-speed data connectivity



Reliable, highly available MPLS-based WAN solution that supports voice and business-critical applications across multiple sites.

Converged Private Networks (CPN) is Gamma's fully-managed WAN (Wide Area Network) solution and is ideal for multi-site businesses that want to improve service while reducing costs. CPN delivers the performance, reliability and security that businesses need to make effective use of today's multi-media services.

As the way people work, interact and collaborate undergoes profound change, companies are seeing growing demand from employees for more flexibility

in where they work and more choice in the way they communicate, such as IP telephony, unified communications and cloud-based services.

By fully integrating our IP telephony hosted voice solution, Horizon and SIP Trunks with an MPLS core network, you can benefit from having all your IP voice and data services supplied by a single vendor - with just one point of contact, one bill and one set of SLAs.



# Converged Private Networks



## MPLS-based WAN service

Delivering private secure connectivity to enable you to easily connect and communicate efficiently between each geographically diverse office location as part of a single network.



## Prioritisation of critical business applications

Quality of service (QoS) mechanisms ensure prioritised and guaranteed performance of voice, video and key business applications.



## A choice of access services

With an extensive range of access types ranging from ADSL and FTTC Broadband to FTTC Ethernet, EFM or fibre optic Ethernet, CPN offers a suitable access option for every location regardless of availability, site criticality or budget.



## Integrated IP telephony

Horizon or Gamma SIP Trunks

An end-to-end communications solution that reduces the complexity of taking your service from multiple providers (optional).



## Flexible pricing options

Choose from either an upfront charging model or our unique rental model which removes the cost to change associated with moving to a new MPLS supplier whilst also aligning your need for an opex-based purchasing model.



## Secure cloud internet access from the VPN

Supplied via multiple peering partners and secured by our next generation firewall means that you benefit from high availability and resilient links to the internet that your business can depend on (optional).



## Managed security

Our next-generation firewall eliminates the need for a firewall at each site and ensures users have the same high level of protection, across all network access points.



## Network monitoring and management capabilities

Enabling you to easily monitor performance and availability of the technology that your business relies upon.



## A range of value-added products and services

Includes handsets, solution design and consultancy, installation and provisioning, project management, maintenance and support.

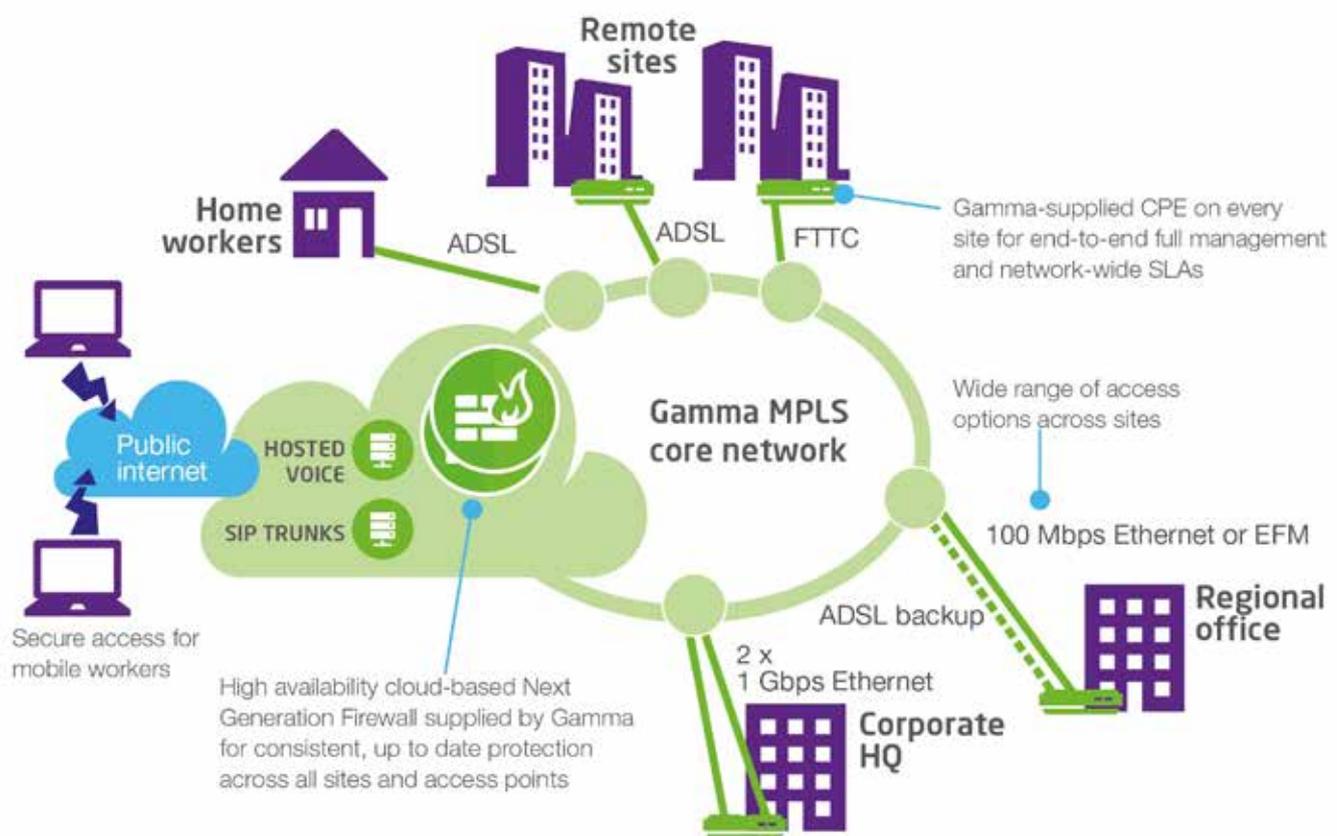
# Gamma's MPLS core network

Gamma's core network is a Multiprotocol Label Switching (MPLS)-based Wide Area Network (WAN) that enhances the inherent benefits of MPLS with the integration of our market-leading high quality IP telephony services.

With Gamma-supplied customer premises equipment installed at every site to enable end-to-end full management of the network, performance can be managed centrally and effectively, meaning we can provide you with network-wide service level agreements.

Our next-generation firewall is architected to be highly available and hosted in the cloud. This protects all access to your Virtual Private Network (VPN) and ensures that users at every site, along with remote workers, receive the same up-to-date protection against the latest cyber threats.

## How it works



# Next-generation firewall



Whilst traffic contained within the Converged Private Network itself is secure, we can offer secure cloud internet access when routing traffic in and out of the Converged Private Network by routing all internet traffic via the firewalls in our core network. These devices are provided as fully-managed high availability firewall instances on our next-generation firewalls.

## **Fully managed, monitored and administrated by our security professionals**

Saves you the investment cost and effort of having to resource this in-house. We'll take responsibility for the implementation of your required changes so that you can focus on running your business with the peace of mind that you're fully protected from external threats.

## **High availability design as standard**

Increases the service availability and resiliency level providing your business with continuity in the unlikely event of a hardware failure.

## **Secure remote access**

For roaming, homeworkers and secure site-to-site connectivity. Users can access key business systems and applications without compromising the security of the private network or exposing sensitive and intellectual property to an attack.

## **Application level visibility and control**

Offers sophisticated insight down to an application level, securing permitted traffic. You can control or limit usage which helps to reduce network costs, boost productivity and ultimately improve the performance of your business.

## **IPS (Intrusion Prevention System)**

Single pass pack inspection identifies malicious content as well as offering protection against software vulnerabilities. This provides your business with advanced levels of protection against vulnerabilities in well-established business applications and web browsers, without exposing you to possible exploitation or impacting performance.

## **Antivirus, antispyware/malware**

Scans applications, website URLs, web content and email content to protect against viruses and malware that may be trying to penetrate the network to steal data. Operating from a database containing thousands of threat signatures means your customers are protected from a wide number of threats that could otherwise cost your business significant financial and reputational damage.

## **URL filtering**

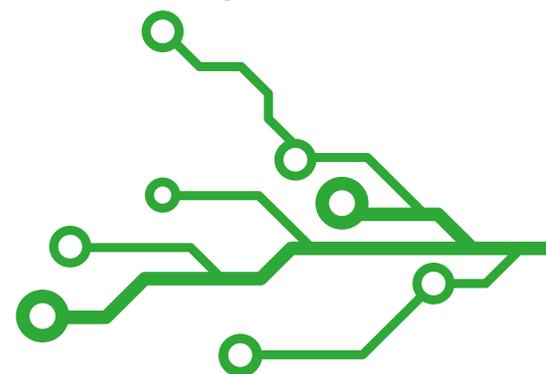
Controlling staff access to authorised non-work related surfing and blocking access to compromised sites helps to reduce malware attacks and increase staff productivity.

## **File and data blocking**

Provides granular levels of inspection by reviewing individual traffic packets (rather than just file extensions) of the files and data being sent both inside and outside of the network. This means greater file and data transfer control, the protection of data and the ability to block sensitive information, such as credit card numbers, from leaving your business and reaching untrusted hands.

## **Market leading technology**

We've partnered with the market leading security vendor when building our resilient CPN solution. That makes it even easier when it comes to choosing a vendor.



# Can I have it in my business?

## CPN is aimed at businesses that:

- Have or plan to use IP telephony, video-conferencing and/or hosted applications
- Make use of multiple networks or separate networks for their voice and data
- Need a variety of access options to suit different site requirements
- Run business-critical systems over their WAN, which would have an immediate impact if these became unavailable or performed badly
- Still use legacy leased lines and perhaps are also transferring data across the public internet (e.g. using IPSec) but that are still keen to achieve cost savings and access other key benefits available when running both voice and data over IP
- Currently use IP voice but are yet to integrate it with their data network. This type of business often also wants to achieve the operational benefits that come from running all their voice and data traffic over a network supplied by a single vendor
- Already use an MPLS-based service and are nearing the end of their current agreement so are therefore looking for a better deal in terms of cost, management, performance, security and reliability
- Are fast-growing and expanding their geographical footprint so need a flexible MPLS-based WAN solution to support this
- Run collaborative applications such as video conferencing to benefit from the reduction in employee travel costs and lost work time
- Want increased visibility and control over the applications, content and users of their network while ideally also reducing any administrative effort without the risk of compromising the businesses performance

A single point of contact for both the data and IP voice  
- making it **easier to provision and support**

# The key benefits of CPN

- **Lower voice and data costs**

Attractively priced service contracts, no charges for site-to-site calls, competitive call rates and a reduced need and investment cost for internal IT and networking skills

- **Ease of operation**

Acting as the sole provider of your WAN, we manage the key components of your business so you require fewer IT and networking staff, enabling you to focus on your business goals

- **Reduced business risk**

High availability of services (including cloud applications and SaaS), reliable network and resilient access options

- **Improved productivity**

Suitable for employees' increased use of high-quality video conferencing, UC and other collaborative applications, secure authorised access to company information from all sites and remote locations, less business interruption owing to consumption of non-productive usage and poorly performing or unavailable services and applications

- **Better protection against cyber threats**

Up-to-date protection against the latest web threats for all users and at all access points, supporting governance and compliance to general and industry-specific security requirements, visibility and control down to application, content and user level

- **Commercial options to suit business needs**

Choice of contract term, wide variety of access types, deals with no upfront costs and access to adds and changes

- **Network monitoring and management capability**

Can be operated either by yourself or through your service provider, allows you to monitor the performance and availability of the technology your business depends upon

- **Application prioritisation**

Enabling support for voice and video conferencing along with high-priority business-critical applications means that you'll benefit from high quality voice and video calls and uninterrupted access to the tools you need to do your job

- **Scalable bandwidth**

To meet differing needs across organisations and sites. This ensures that your network is future proof to accommodate for your growing business requirements



# Why Gamma CPN?



Gamma is a rapidly growing, technology-based provider of communications services to the UK business market. Our services include a comprehensive data services portfolio, cloud-based telephony, inbound call control services and SIP trunking, all of which are designed to meet the increasingly complex voice, data and mobility requirements of today's businesses.

## Market-leading integrated IP telephony and data network

Gamma is a network provider for CPN services. Fully integrated with our market-leading IP voice products, you'll benefit from a purpose-built combined voice and data network, with a single, robust SLA from one provider that has full visibility and control over both elements and is able to resolve any issues or make changes to your network quickly and accurately.

## Highly experienced

With our pedigree and experience in IP, we're well positioned to act as the supplier of choice when it comes to entrusting and managing extensive and often complex networks.

## Easy to do business with

By taking your WAN through us, you'll benefit from a single point of contact for both your data and IP voice needs (including porting). This converged approach not only simplifies the buying and installation process but also offers differentiation through being easier to do business with should a fault occur or a query require urgent response.

## Different buying models

A compelling rental-only purchasing model that differentiates us from the competition whilst also removing any upfront costs that may act as a barrier to changing your WAN provider.

## Financial strength

Gamma is listed on AIM and is a debt-free, cash-rich, profitable business trusted by some of the largest telephony providers in the UK.

# ONE

- Bill
- Set of SLAs
- Point of contact



**Tel** 0333 014 0000  
**Email** [marketing@gamma.co.uk](mailto:marketing@gamma.co.uk)  
**Web** [www.gamma.co.uk](http://www.gamma.co.uk)



We're a certified Carbon Neutral\* Company. This means you can demonstrate green credentials yourself. By working with us you have a solution that not only helps the environment but also enables you to become greener and conform to new Government environmental policies.