

# Managed IP Services

Taking  
responsibility for  
your business continuity

CCE Managed IP Services  
Include:

- Data and applications hosting
- Business continuity
- Inter-site connectivity
- Internet connections
- Firewalls and Security
- Hosted IP Telephony, SIP, Minutes Breakout
- Secure online backup
- Disaster recovery

Built on Viatel's Carrier Class fibre network, CCE has developed a resilient core network currently serving over 5,000 endpoints. Our Managed IP Services enable you to enjoy complete confidence that your data and voice connectivity is 100% guaranteed... 100% of the time.

As well as hosting your data services, we can also host your telephony with a resilient Nortel Communications Server-based platform delivering disparate routes to the public switched telephone network (PSTN).

We provide a state-of-the-art data backup service replicated across our network, giving you complete confidence that your data is safe, secure and available.

All of this is achieved by delivering robust and resilient managed voice and data services over a Next Generation core fibre network. Our Hosted Voice and Data Services – or Cloud Computing – are delivered over a self-repairing unbreakable fibre ring running around Europe. This combines with our own hosting facilities co-located at dual N+1 data centres situated several miles apart in the South of England. Each are connected by high speed fibre over resilient carrier networks.

This approach provides around the clock availability and ensures guaranteed integrity and continuity.

## Increased efficiency

Our technology and expertise can also help you to introduce more efficiencies to the business. The major benefits of Cloud Computing are inherent safety, reliability and flexibility.

You will also benefit from reduced management and administration time and costs; allowing you to re-deploy resources and budget to other enabling technologies or further areas of the business.

We will also set up a single point of contact for all your managed service requirements.

## Putting you in control

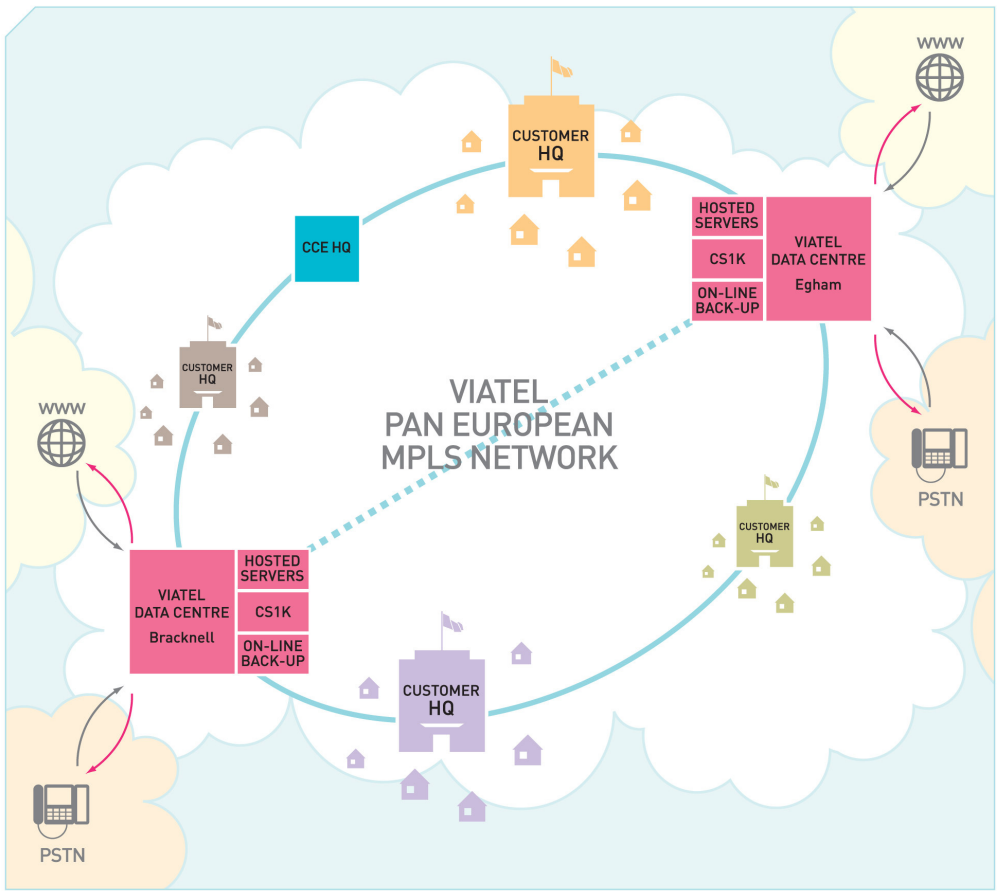
CCE's Managed IP Services put you in control of your technology. It forms the basis of a solid, future-proofed, converged data and voice strategy which introduces new economies to your business, enables new capabilities and won't let you down.

CCE has top level accreditations with leading suppliers in the industry, backed by 30 years experience in delivering IT solutions.

“Most people in  
most businesses  
don't think twice  
about their IT and  
communications  
...until something  
goes wrong



# CCE's Managed Network



It is key when designing a network that has to be “always on” to remove any single point of failure. The CCE MPLS (Multi Protocol Label Switching) network is built around Viatel’s core fibre network with built in routing options to ensure it cannot be broken.

## About Viatel

Founded in 1991, Viatel has invested over \$2bn building their network which today has 21 co-location facilities and 48 points of presence in 21 key Cities across Europe. In the UK, Viatel has over 100 points of presence and approximately 7,700km of its own fibre around Europe.

On this network, CCE have their own hosting facilities within Viatel’s N+1 data centres at Egham and Bracknell. These provide around the clock availability with full security, air-conditioning with both battery and generator backup.

A Gb fibre Ethernet link connects the two data centres to allow the hosting facilities in each data centre to have LAN connectivity to each other (for replication) as well as the Gb fibre MPLS core.

Resilient Internet transit is handled by a pair of HA Nokia firewalls at each Data Centre running BGP (Border Gateway Protocol) to ensure CCE always have two Gb routes for IP Transit.

CCE are a Microsoft Gold Partner as well as partnering with Citrix, VMWare, Datacore and Hewlett Packard – all of the components needed to provide a truly resilient and redundant virtualised server and SAN environment.

Hosted telephony services are provided by a resilient Nortel Communications Server 1000 (CS1K) telephony platform with disparate resilient routes to the PSTN (Public Switched Telephone Network).

Find out more about the benefits of CCE Managed IP Services by contacting our sales team via telephone or email, or our website:

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sales@cce.co.uk

www.cce.co.uk

We keep good company...



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