



N3 SECURE CONNECTIVITY FROM VIALTUS SOLUTIONS

Our N3 connectivity services provide robust, secure connectivity for all the various NHS and non-NHS organisations that need access to the N3 NHS national core network.

Accredited by the NHS, our network meets all the codes of connection compliance requirements for your end users.

Vialtus Solutions was the first service provider to gain NHS approval for the delivery of networked aggregated connections to the N3 network.

N3 is the National Network for the NHS. It provides reliable, supporting IT infrastructure, world-class networking services and sufficient, secure connectivity and broadband capacity to meet current and future NHS IT needs.

N3 replaced NHSnet, the previous private NHS communications network in England. It provides connectivity to all NHS organisations in England, as well as all those non-NHS sites providing NHS care such as local authorities and care homes, ensuring a reliable service at every site where NHS services are delivered or managed.

By choosing Vialtus Solutions as your N3 connectivity provider you can be confident that all of your key requirements have been addressed as part of our network development:

- Confidentiality.
- Integrity.
- Availability.

Vialtus Solutions is committed to ensuring the reliability and security of our N3 aggregation network. Simple network aggregation is easy to achieve, what sets our product portfolio apart is our attention to all the aspects of secure network design.

THE VIALTUS N3 SERVICE

Vialtus Solutions can provide a range of connectivity and security options that enable all the various NHS and non-NHS organisations that need access to the N3 NHS national core network to connect across a secure environment.

The solution is offered as a fully supported service with a number of security features as standard.

These network services are available through a purpose built, secure N3 aggregation network offering users a unique set of security features incorporated into the N3 product portfolio.

ROBUST AND RELIABLE SECURE CONNECTIVITY

By choosing Vialtus Solutions as your N3 network provider you can be confident that all of the following key issues have already been addressed as part of our network development:

Confidentiality

All sensitive data is protected from unauthorised access.

Integrity

Your N3 data connection is protected on multiple levels from any form of modification, deliberate or accidental, within the network.

Availability

The Vialtus N3 backbone is built on a high performance, resilient MPLS core. In addition our DDoS technology ensures that Denial of Service attacks will not compromise your service.

SERVICE OPTIONS

Any size of connection is available to meet your requirements from a standard 2Mb xDSL through to Gigabyte Ethernet, with resilience if needed.

As the network meets all codes of connection requirements, you and your end users are assured of compliance.

SERVICE TOPOLOGY

The Vialtus N3 backbone offers a range of best of breed solutions from across Vialtus. This combines state-of-the-art business grade xDSL solutions with our high capacity IP network and security expertise.

The Vialtus N3 backbone ensures resilience and load balancing through multiple redundant connections into the NHS N3 network, in our Telehouse and Harbour Exchange data centres.

The Vialtus N3 backbone ensures resilience:

- Resilience — maintained throughout the network, thanks to the use of MPLS.
- Secure DNS — our N3 customers have their own DNS servers.
- Performance — access on to one of the UK's highest performing IP networks.

SECURITY

Security is the cornerstone of our N3 product implementation and is embedded throughout the network.

Centralised Carrier class firewalls provide secure connectivity across the interconnects between the Vialtus MPLS network and the NHS N3 network.

When you choose Vialtus Solutions as your N3 service provider, you can rest assured that your business critical applications – web, email and other servers – are completely protected and any service disruption will be kept to an absolute minimum. We use proven best of breed technologies to ensure that we are constantly attaining leading quality standards.

Our Fully Supported solution also incorporates the following high performance features through the deployment of dedicated devices:

- Anti-Virus
- Anti-Spam
- Web content filtering – content and security
- Firewall Deployment
- Inbound SMTP (Simple Mail Transfer Protocol) mail available on request
- Controlled outbound access: http, https, POP3,

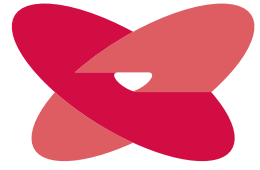
SMTP, DNS (Domain Name System).

- Read only FTP (File Transfer Protocol) access available on request.

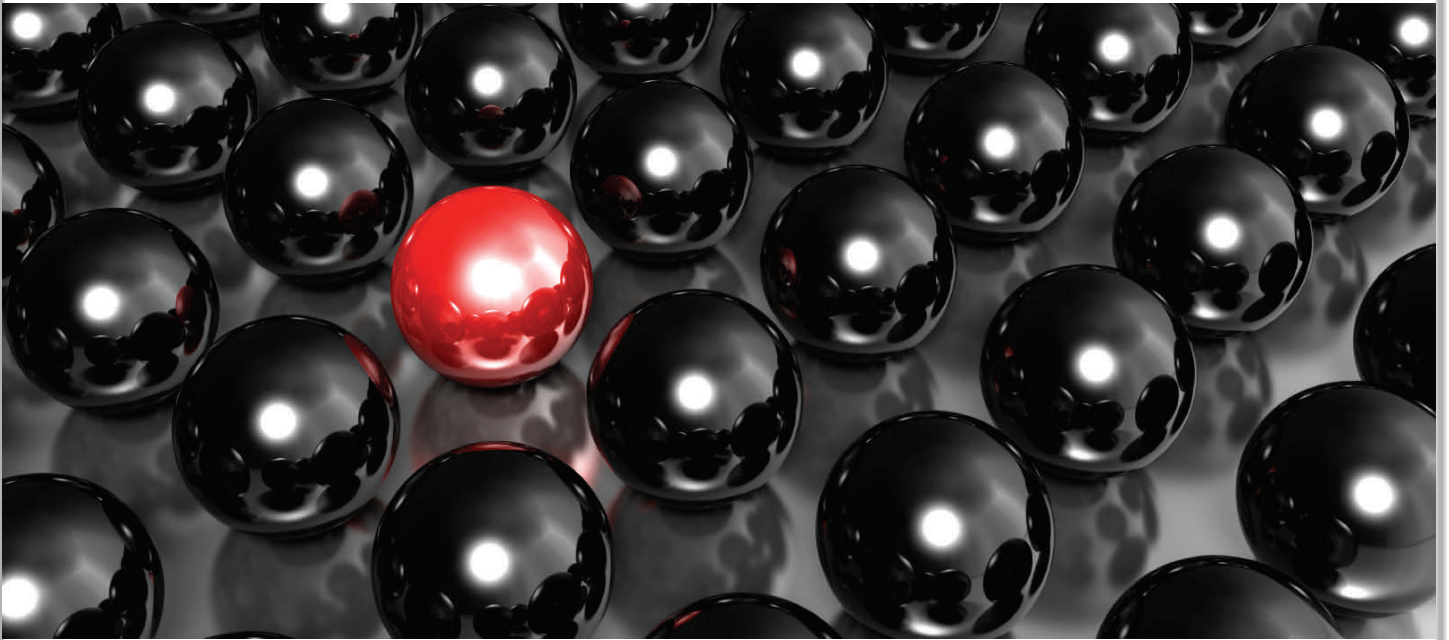
Vialtus Solutions is the UK market leader in real time monitoring and profiling through the use of sophisticated IDS (Intrusion Detection System) and DDoS (Distributed Denial-of-Service) technologies, ensuring that your connectivity is never compromised. We have implemented the very best in DDoS protection to protect our own network, and extend this protection to all our N3 customers.

Our Security and Network Operations Centres provide carrier-class expertise and day-to-day management of our network security, finding and filling application holes and preventing attacks on a 24/7x365 basis.

We manage your network security through constant updates and management of virus patches and real-time response to vulnerabilities and malicious threats. The latest encryption technologies are used to ensure secure connectivity is available at all times.



VIALTUS
SOLUTIONS



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