



NEXT GENERATION DATA CENTRE & NETWORKING





BUSINESS BENEFITS

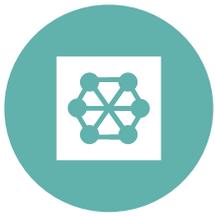
Cost – reduce the total cost of owning your IT infrastructure by increasing the efficiency of operations; using fewer man-hours and reducing the skills gap.

Speed – deliver critical projects and upgrades faster; effortlessly deploy new services and policies across your network and rapidly identify and eliminate security threats.

Reliability - increase availability of critical data and applications with guaranteed uptime; reduce the potential for human error through process automation.

Security – protect your network, and your business, with integrated network and data security; monitor network use, pro-actively prevent breaches and deploy policies centrally.

Quality – improve the user experience with greater consistency and quality of service; automatically and intelligently route traffic to ensure maximum performance, with minimum overhead.



TRUST IN YOUR NETWORK

As more and more businesses transform into “digital enterprises” the role of IT infrastructure is changing. The traditional enterprise network is no longer fit for purpose, as it labours under increasing demands for agility, availability and security.

DIGITAL TRANSFORMATION

The trend toward digital transformation has been driven by range of factors. Principal among them are the widespread adoption of mobile working, the proliferation of cloud-based applications and the evolving IT security landscape.



MOBILITY

The average digital worker uses three separate, connected devices for work every day. The resulting increase in devices, platforms and user profiles adds both cost and complexity to a network that has to be available 24/7.



CLOUD

The accelerated adoption of SaaS has seen a wide range of applications and services employed by enterprise users. From Office365 to DropBox and AWS, cloud apps can provide instant scalability, but they also create risk. Shadow IT, that which isn't under the control of the IT department, can expose the organisation to unnecessary risk. Even when the app is controlled by IT, it can result in spiralling costs.



SECURITY

All evidence points to there being no let-up in the frequency and volume of reported data breaches. The threat represented by malicious outsiders or accidental loss places a greater emphasis on the security of network devices, and users, to maintain both business integrity and brand reputation.

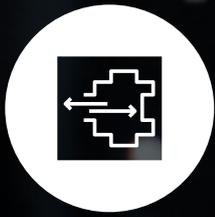
NEXT GENERATION INFRASTRUCTURE

What does the latest generation of enterprise networks look like, and how does it help organisations to meet these market challenges? The future looks set to be dominated by virtualisation and software-defined infrastructure; adding greater levels of automation and control.

This will help reduce costs by saving time on conventional management processes, including configuration, monitoring and troubleshooting. Intelligent, dynamic routing will not only help improve application performance, it will aid resilience; improving overall service availability.

Provisioning of new services, users or assets will be quicker and easier; meeting the organisation's demand for agility and delivering a consistent user experience.

Security will be an integral part of next-gen infrastructure, embedded throughout the network, with the ability to rapidly deploy new policies to mitigate emerging threats.



NEXT-GEN SOLUTIONS FROM ONI

DATA CENTRE

Tomorrow's data centre is not monolithic, inflexible and a barrier to growth. It is agile, scalable and a gateway to digital transformation.

Software defined data centre (SDDC) architecture enables businesses to:

- Eliminate legacy hardware that may be acting as a business-inhibitor
- Build multi-cloud networks with a consistent policy model
- Provide agile support for modern container based development environments
- Improve flexibility and scalability, without compromising availability
- Centralise the management and monitoring of distributed infrastructure

ONI's data centre solutions feature high-performance, low-latency and power-efficient technologies. Command and control comes from an integrated dashboard, with access to all fabric information for centralised automation, configuration, deployment and management. Our SDDC solutions offer:

Automation & Agility

Automate IT workflows and dramatically reduce deployment times for new services and policies.



Open & Programmable

Build programmable SDN fabrics leveraging open APIs.



Security & Analytics

Secure applications with a sophisticated whitelist model, policy enforcement, and micro-segmentation.



Flexibility & Scalability

Deploy and migrate applications effortlessly across geographies, users and devices with a consistent policy and user experience.



NETWORKING

One of the core benefits of software-defined networking (SDN) is the ability to centralise, simplify and automate processes associated with enterprise network management. By doing so, ONI is able to deliver greater agility, security and cost-efficiency.

SDN is ideally suited to today's big data applications, where the shaping, routing and management of data can have a significant impact on application and network performance. It also provides support for other initiatives, such as virtualisation and hybrid cloud infrastructure.

In order to add maximum value, your SDN should:

- Allow for the deployment and enforcement of granular-level security policies
- Deliver greater insight into systems' performance and user behaviour
- Enable the automation of management and policy deployment
- Provide a consistent user experience across multiple locations and devices
- Reduce operating costs through process efficiencies and better resource utilisation
- Facilitate the abstraction and unification of cloud services and resources
- Guarantee quality of service for voice and data with multiple applications transmitted across the network.

SD WAN

SD WAN is, in essence, the use of software to deploy and manage wide area networks. It is designed to enable IT departments to make better use of network bandwidth and improve both the performance of the WAN itself and the applications it supports.

Dynamic routing of traffic is a core component of the software-defined network. In the same way that server virtualisation and consolidation is used to optimise the performance of infrastructure, SD WAN enables centralised management of networks to help deliver performance optimisation, greater flexibility and cost efficiency.

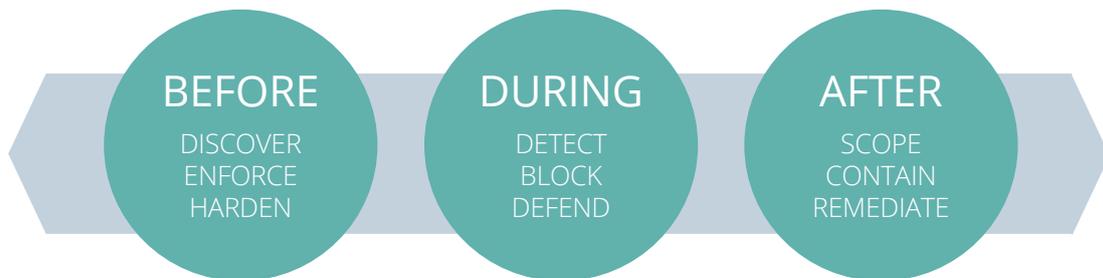
SD WAN makes the most of cloud provisioning, high-speed networking and borderless infrastructure to improve the delivery of data (including voice and video) across the extended network. It uses all available connectivity (MPLS, Internet, 4G) to find the best path for network traffic; shaping bandwidth when necessary to optimise performance and user experience.

SECURITY

THE EVOLVING THREAT LANDSCAPE

The challenges facing IT professionals are many and varied. In an environment where threats are continually evolving, becoming more numerous and sophisticated, cybersecurity is challenged with keeping up.

The increased adoption of mobility, IoT and cloud-based services has served to provide hackers with an increased number of entry points to the network. This presents a growing concern for many businesses; how to deliver robust security across an extended network without blowing the budget?



PRINCIPLES OF ONI SECURITY SOLUTIONS

Secure by Design - data security, usability and simplicity are embedded within a best of breed architecture.

Simple to Deploy - open and automated architecture to speed up time to deploy integrated solutions.

Easy to Manage - automation, machine learning and user-friendly dashboards to simplify management.

The concept of “secure by design” forms a part of the initial network planning and development process. Data security, usability and simplicity of management are embedded within an architecture that features best-of-breed technologies, from leading vendors, to secure everything from core infrastructure to cloud services and remote endpoints.

THE 5 PILLARS OF PROTECTION



Protect Networks



Control Access



Contain Threats



Enable Mobility



Monitor Traffic



WHY ONI?

Established in 1992, ONI plc is a leading provider of IT solutions and services to both public sector and commercial markets. Privately owned, we offer a comprehensive range of on-site, cloud and hybrid technology solutions.

We have worked hard to establish ourselves as a centre of excellence for digital transformation, but we're not resting on our laurels. We have ambitious plans for even further growth over the coming years, which will see us increasing both our capacity and range of services. Keen adopters of new technologies, we are proud of our reputation as innovators.

Our expertise already spans core network infrastructure, unified communications and collaboration, contact centre solutions, data centre services, connectivity and cybersecurity.

ONI cloud services are delivered from our own Tier 3+ Data Centre, located in the South East of England, and include infrastructure, disaster recovery, UC, collaboration and contact centre solutions as-a-service.

ONI is committed to providing our customers with the availability, performance and agility required to transform their business. It's what we call Business Assured and comprises three core pledges.

100% UPTIME GUARANTEED

Most service providers promise four 9's or even five 9's in terms of availability, but 99.99% uptime still means you are without service for 52min 35s every year. When dealing with business-critical applications, we don't think you should compromise on availability. If you pay 100% of your fees, you should get 100% availability.

Our commitment to 100% uptime underpins our data centre and managed service portfolio; providing our customers with peace of mind that they will always have access to their data and applications.

ON-PREMISES OR CLOUD AGNOSTIC

For many organisations, the future of IT lies in a hybrid converged infrastructure that features elements of on-premises, colocation and cloud-based products and services. But getting agnostic advice on the best place to deploy each application can be difficult.

Cloud service providers naturally will only ever promote as-a-service propositions. Likewise, legacy systems integrators will have experience of on-premises hardware but not the skills necessary to transition services successfully to the cloud. In contrast, ONI offers the best of both worlds.

By combining legacy on-premises solutions with our Data Centre services, our customers benefit from transformative digital solutions, deployed where they add most value. Our agnostic approach to deployment helps organisations to gain a competitive advantage by reducing costs and delivering leaner, less complex IT solutions.

PREDICTABLE AND TRANSPARENT COSTS

Cloud services from ONI are provided from a single orchestration platform; one that offers a simplified product range and an all-inclusive price, based on customer usage. There is no need for specialist procurement knowledge to understand a complex product offering or EA pricing structure, let alone fluctuating exchange rates, making it easy to stay in control and avoid unexpected spiralling costs.

ONI Assure Managed Services provide unmatched details about the status of IT infrastructure devices; enabling IT professionals to make better informed investment decisions about life-cycle management and avoid unnecessary costs. Improved visibility of contract renewals, or when devices reach end-of-life and end-of-support, makes budgeting more accurate and more predictable.



AVAILABLE FROM ONI:

- Managed Services & Support
- Hosting & Colocation
- Networking & Connectivity
- Back-Up & Disaster Recovery
- Cybersecurity Solutions
- Contact Centre Solutions
- Mobility & Collaboration
- Unified Communications



01582 429 999
www.oni.co.uk
marketing@oni.co.uk
16-24 Crawley Green Road, Luton, Bedfordshire LU2 0QX



Established in 1992, ONI plc is a leading provider of IT services and solutions. We deliver a unique blend of on-site, hybrid and Cloud computing systems, from our Tier 3+ UK data centres. Our workforce holds over 400 accreditations from vendors such as Cisco, VMware, NetApp, Veeam, Gamma, BT and Microsoft.