INFRASTRUCTURE OPTIMISATION

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WHY IS OPTIMISATION IMPORTANT?

An organisation's IT infrastructure includes the essential processes and technologies required to run the business on a day-to-day basis. Over time, your infrastructure matures and organic systems growth can result in inefficiencies.

Complex integration processes or systems conflicts can emerge over time and affect your core systems availability and performance – negatively impacting on both the user and customer experience.

The process of infrastructure optimisation starts with understanding your underlying business challenges and objectives. A system-wide audit then allows us to identify the current and desired state of your IT and communications technology.

Once we have identified a development path, we can implement a strategy that will bring your people, process and technology in line with your stated business objectives. ONI solutions leverage process automation, lower TCO and improved management information to deliver an infrastructure that will support your business now and into the future.

WHAT'S INVOLVED?

ONI infrastructure optimisation services are built around a proven methodology that delivers an accurate audit and analysis of your essential IT infrastructure. The service not only identifies areas where improvements can be made; it defines the target state of your environments and develops a roadmap for continuous improvement.

SERVER	STORAGE	NETWORKING	VIRTUALISATION
APPLICATIONS	DEVICES		USERS
ON-PREMISES	CLOUD		HYBRID

Our consultants will work closely with you to identify emerging or complimentary technologies that will continue to provide long-term business value. Our aim is to ensure your IT delivers the availability, accessibility and performance you need to achieve your desired business outcomes.

WHAT ARE THE BENEFITS?

The need for optimisation can occur as a result of the gradual build-up of inefficiencies or because of a single, compelling event. Technology should always be an enabler, not an inhibitor.

An optimised infrastructure can help your organisation realise wide-ranging benefits:

- Improvements in network and systems performance

- Maximise long-term value from legacy equipment

- Ensure compliance with security and data protection obligations

- Automate and standardise processes to improve efficiency

- Facilitate the adoption of hosted or Cloud computing technologies

- Consolidate servers and reduce infrastructure "sprawl"

- Improve visibility and management of network performance

- Reduce the time taken to implement and integrate new technologies

- Align your technology and processes to stated business objectives

- Reduce data centre footprint, power and cooling costs

- Deliver a platform for future growth and profitability

- Improve both the user and customer experience

- Simplify IT management and free up internal resources

HOW DOES IT WORK?

The process begins with establishing your organisational objectives. If optimisation is to deliver the long-term benefits you desire, it is important that those objectives translate into tangible business outcomes.

ENGAGEMENT

AUDIT

The audit stage of the process involves establishing an accurate picture of your current infrastructure, including: component technologies, user behaviour, systems performance, management processes, workloads and capacity, maintenance costs.

The audit process itself takes place at your site. It is important at this stage to provide as much detail as possible, as the information that is gathered during the audit will form the basis of future decision making.

ANALYSE

Our team of consultants are well-versed in turning the information gathered during the audit into actionable intelligence. In-depth analysis of workflows, processes and systems data allows us to identify areas of over or under capacity, bandwidth bottlenecks and performance-impacting conflicts.

This analysis presents us with a series of technology challenges that need to be addressed if your infrastructure is to deliver the agility, resilience and performance required.

DEFINE

Once we have identified the barriers to performance improvement within your current infrastructure, we are in a position to define the set of technologies and processes required to bridge the gap between where you are and where you want to be.

DESIGN

Having established the component elements of your solution, the design phase turns a technical specification into a detailed deployment plan. Systems design includes an integration model, implementation plan and technology roadmap. Fully costed, a proposal from ONI is designed to help you build a compelling business case for your proposed investment in technology.

As a part of the systems design proposal, we will include aimpact analysis, details of lifecycle management and TCO calculations to support the business case. All component elements are designed to support the initial business objectives and ensure a long-term ROI.

We will understand the drivers and ambitions for your organisation in order to design the best solutions to meet the demands whether they are cost pressures or growth projections. Our Infrastructure optimisation covers the following areas.

AUDIT & ASSESSMENT EXAMPLES

Collaboration	Infrastructure	Networking	Security
Workforce productivity and collaboration for BYOD and mobile working	Cloud migration, Cloud capacity planning, resource planning	Borderless networks, remote access, LAN, WAN and MAN	Mobile device and application management, user authentication
Converged voice and data networks, SIP trunking and VoIP	Virtualisation, server consolidation, high-density computing, power and cooling	Wired and wireless connectivity, guest access, campus Wi-Fi	Network and data security, user access, encryption and compliance
Unified communications, maintaining QoS and leveraging presence	Hybrid cloud infrastructure, hosted and managed services	WAN optimisation, network performance, connectivity	Network monitoring, threat detection and elimination, risk management
Enhanced resilience and business continuity, hosted voice and desktop	IT health check, datacentre performance optimisation	Lifecycle management, application-aware networking	Anti-spam, anti-virus, DDoS and malware protection

? 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