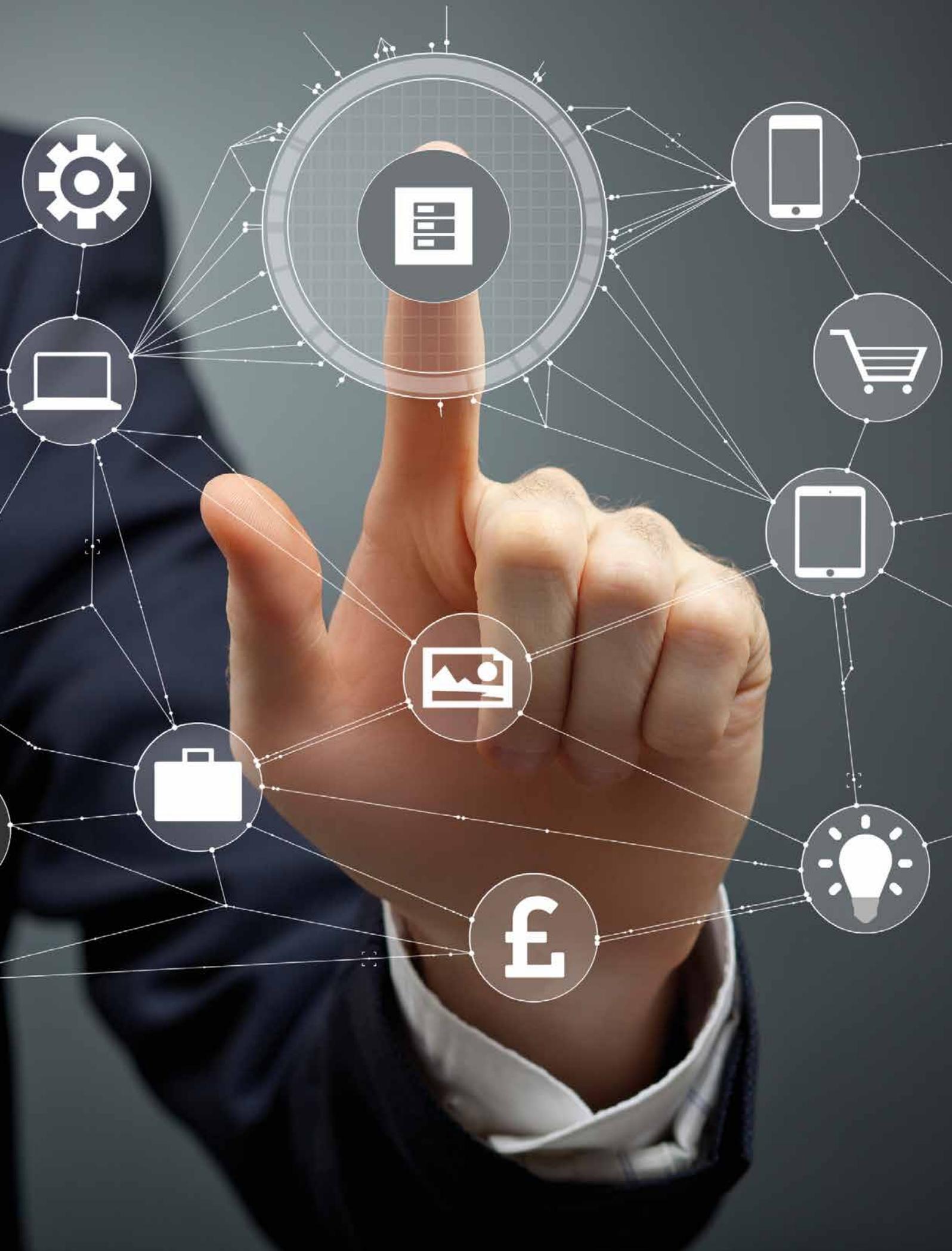




DATA CENTRE & COLOCATION







RISING DEMAND FOR HOSTED SERVICES

When it comes to hosted IT infrastructure, organisations are looking for highly resilient, highly available and highly scalable facilities at an affordable rate, as well as fulfilling green credentials. Co-located or virtual infrastructure is proving increasingly popular as it provides businesses with both flexibility and security within a resilient environment.

As IT infrastructure becomes increasingly sophisticated, so does optimising the performance of its environment. Today, organisations demand more from their IT. Mobility, BYOD, collaboration and big data applications bring with them a corresponding investment in data centre power, cooling, cabling and physical space. So, it's easy to see why more and more businesses are opting to house their infrastructure in dedicated, third-party data centres. Shifting to a colocation model provides access to a level of infrastructure that many organisations would not be able to replicate on-premise and delivers a wide range of benefits.





COLOCATION - THE NATURAL STEP IN CLOUD MIGRATION

Colocation is a common first step on the journey towards adopting Cloud services. Most organisations migrate services to the Cloud over time as and when legacy IT infrastructure becomes end-of-life. Using colocation services enables organisations to maintain their physical infrastructure but move it off-premise.

With ONI both Colocation and Cloud services are wrapped in to one contract which makes migrating to cloud quick and easy.

DATA CENTRE AND COLOCATION SERVICES FROM ONI

ONI provides data centre and colocation services to leading financial services, Cloud computing, healthcare, Government, education and media organisations. As a trusted technology partner we provide secure, resilient solutions that ensure your business critical data and applications are readily available.

Our solutions architects and engineers are on hand to provide technical advice when it comes to defining your data centre needs; and they will work with you to deploy a solution that meets your business needs for today and tomorrow. We can also help you explore how a Cloud strategy could move your business forward, further, faster.

Data centre solutions from ONI provide the vital services required to support a modern IT and communications infrastructure. Access to our Tier 3+ data centre delivers quality of service and is backed by our 100% power SLA.

We offer a flexible range of colocation and rack space packages, up to secure cages and private rooms. Scalable power densities are available to each rack, ensuring you only draw down the power you need. If you want to add more hardware to the rack, extra power can be added immediately to support the additional load.



BUSINESS BENEFITS

Colocation enables businesses to host their own servers and hardware within a state-of-the-art, managed IT environment. It provides all the benefits of security, resilience and availability but without the associated risk or cost of an on-premise solution:

COST CONTROL

Available as a predictable, monthly subscription, colocation allows businesses to provision an IT infrastructure without the significant, up-front costs of an on-premise data centre.

Monthly subscription includes the cost of physical rack space, power, cooling, and physical security.

SECURITY

Physical security is provided by a combination of high fences, gated access, round-the-clock HD CCTV surveillance, motion detection sensors, zoned access, biometric ID and twofactor authentication.

Data is stored within an ISO 27001 accredited, Tier 3+, UK data centre. All services benefit from robust firewall protection and are accessed via a private VLAN.

Protect from the increasing Internet security threats with a range of ONI services such as private or hosted firewalls and DDoS mitigation.

EASE OF MIGRATION

ONI's experts are on hand to migrate any physical infrastructure. Colocation is a common first-step on the journey to embracing the Cloud that allows you to move at your own pace, trialling as-a-service solutions in a secure environment.

AGILITY

Colocation delivers a degree of flexibility that isn't achievable from an on-premise solution. Scale up or down rapidly to meet changing IT needs, ensuring optimum use of your infrastructure.

RESILIENCE

Business continuity is a key feature of colocation. Our Data Centre protects your assets with fully redundant power and cooling and leading edge fire suppression technology, all supported by a range of back-up and disaster recovery services.

Reliency is assured through multiple Data Centre connectivity entry points and diverse routing between our Data Centres.



CONNECTIVITY

Our carrier-neutral data centres feature multiple connections from multiple carriers, providing access to a range of high-speed, high-bandwidth networks.

Cross connects can be provided between the ONI Datacentres and many of the major UK Datacentres which reduces set up lead times by using existing fibre networks and is often more cost effective.

Connect directly with resilient SIP networks with a range of options including Loadshare, Active/Standby as well as bespoke solutions.

ENERGY EFFICIENCY

Power usage effectiveness is a key measure of a data centre's green credentials. ONI data centres are designed to operate as efficiently as possible and achieve an outstanding PUE of just 1.4, allowing us to pass the benefits on to our customers in the form of lower costs.

ON-SITE SUPPORT

ONI's on-site Technical Assistance Centre is an extensive team of fully qualified engineers that deliver a range of support services. From "remote hands" services such as power reboot, visual checks, media inserts and swaps and component hot swaps, to a fully managed service.

Governed by the ITIL best practice framework, the ONI TAC is a safe pair of hands that delivers against stringent SLAs.

CLOUD SERVICES

Connect directly in to cloud services, including private cloud and hypercloud services such as AWS or Azure Expressroute, to avoid the drawbacks of Internet connectivity and benefit from secure and resilient, private connections.



DATA CENTRE SPECIFICATION



POWER*

- 1MVA 11kv on-site supply
- Dual plant rooms with separate power distribution boards
- N+1 configuration, chloride UPS
- Diesel backup with 8 hour on-site fuel supply
- N+1 16/32amp rack power, A+B configuration
- Up to 20kw per rack
- 100% power-on SLA



PHYSICAL SECURITY

- Steel palisade perimeter fence
- Electronic security gates
- 24/7 HD CCTV monitoring
- Motion detection
- Intruder & proximity alarms
- Audited swipe card entry
- Multi-factor authentication
- ISO27001 accredited



COOLING

- N+1 high capacity HVAC
- 4 x 100KvA free-air CRAC per room
- Cold aisle containment
- -20o (+/- 3o) Operating Temperature
- 50% (+/- 10%) Humidity



FACILITIES

- Secure, on-site parking
- Close to major transport links
- Kitchen and meeting rooms access
- Bathroom & shower facilities
- Pre-stage labs for equipment build



FIRE DETECTION & SUPPRESSION

- VESDA fire detection
- Three-stage fire detection in all plant areas
- IG55 inert gas suppression systems
- 24/7 network monitoring



SUPPORT

- 24 x 7 remote, intelligent hands
- Support for third party engineers
- Managed firewall
- Cable & rack migration



CONNECTIVITY

- Carrier neutral - connected to 13 Tier 1 providers, enabling customers to connect to their carrier of choice
- Connected to a diverse fibre network with 67,000 km of lit fibre between over 200 data centres across Europe
- Direct connectivity to - highly resilient SIP services and IP Transit
- Deliver flexible, carrier independent, hybrid network solutions
- Multiple outbound routes



GREEN CREDENTIALS

- PUE <1.4
- Policy of continual energy efficiency
- Energy efficient UPS
- Heat reclamation
- Hot and cold air segregation



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



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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.