



DATA CENTER

SOLUTIONS

END-TO-END SERVICES
AND SUPPORT FOR
DATA CENTER, COLOCATION
AND HYPERSCALERS



CERTAINTY IN YOUR DATA CENTER

In the dynamic, fast-paced data center industry, the demands on network infrastructure are ever-changing. So, be ready for the future, whatever it brings.

Some of the largest cloud and technology companies are expanding or acquiring to grow larger still. Gartner predicts that 70% of organizations¹ will implement structured infrastructure automation by 2025, up from 20% in 2021². And data centers are already feeling the strain on their resources – not ideal in a service industry where reliability is so vital, efficiency so essential and redundancy so costly.

But this demand is also an opportunity. Having been valued at \$187.35bn back in 2020, the global data center market is projected to achieve a value of \$517.17bn in just ten years, with a 10.5% CAGR from 2021 to 2030³. So, whether it's your own enterprise facility, or capacity you provide to others, you could stand to profit greatly – so long as you can manage your connected devices, deliver business resilience and balance your resources.

With more than 30 years' experience designing and delivering global projects for hyperscalers, colocation providers and enterprise data center clients in over 40 countries, we are uniquely positioned to help you keep up with demand and capitalise on the data center opportunity.

Over the next few pages, we'll show you how.

If you're hoping to keep up with demand and capitalise on the data center opportunity, Onnec can help.



THE CENTER OF CONNECTIONS

So, how do we fit in? We're Onnec, a single provider of multi-layered data center solutions. Our expertise across the data center environment means we can add our services wherever you need them – or wrap your entire operation.

Design

Infrastructure and containment design solutions using CAD and BIM

Project Management

Management across IT infrastructure and facilities

Managed services

- 24/7 fully managed support service
- Cabling support, changes and patching

Maintenance

- Network hardware installations, changes and support
- Connectivity and equipment upgrades and changes

Installation

- Copper and fibre cabling installation
- High capacity Optical Distribution Frames (ODFs)
- Network and server cabinets, provisioned with intelligent Power Distribution Units (PDUs)
- Hot and cold aisle containment solutions
- Cabling containment including ladder racking and fiber runner

Monitoring

Environmental and power usage monitoring

Off-site pre-staging

Off-site pre-staging of equipment, and on-site hardware installations

But that's just the start. We also have unique capabilities in Master Systems Integration, business resilience, managed services and more.

So, what makes us different? Let us show you in more detail – and demonstrate why global organizations trust our end-to-end services through every stage of their infrastructure lifecycle.

We can support your data center with our expertise in end-to-end solutions from design and deployment to management and support.

OUR EXPERT UNDERSTANDING

Learn more about the unique capabilities we've built over 30 years supporting data center, colocation and hyperscale environments.



MASTER SYSTEMS INTEGRATION

We get to know your buildings, security and cabling – and how they connect throughout your environment.



MANAGED SERVICES

We have in-house experts ready to add on-site or off-site resource to your environment.



BUSINESS RESILIENCE

We're constantly looking for new ways to extend the life – and benefits – of your infrastructure.



ONE GLOBAL PARTNER

Our expertise and global partnerships mean we can be a single point of contact for the life cycle of your environment.



TRUSTED AT THE TOP

Our high quality of work has been rewarded with the trust of numerous blue chip companies in more than 40 countries.

OUR EXPERT UNDERSTANDING



MASTER SYSTEMS INTEGRATORS (MSI)

As an MSI, we get to know your buildings, security and cabling – and how they connect throughout your environment. Our capabilities include:

- **Data center design, build and installation** that increases efficiency and performance and lowers environmental impact.
- **End-to-end data center solutions**, from structured cabling and containment to a full suite of IP services, with an in-house team of 800+ experts across the globe.
- **Delivery that comes in on time and on budget**, meeting all relevant industry and any additional individual safety standards.

BUSINESS RESILIENCE

We're constantly looking for new ways to extend the life – and benefits – of your infrastructure. Our business resilience capabilities include:

- **Interoperability of networks and physical security**, so your environment stays secure even as it evolves.
- **Environmentally conscious design** to meet heating and cooling targets and maintain corporate social responsibility.
- **Smart building management with Onnec iQ**, allowing you to connect and act on device-level building performance data – and achieve operational and environmental efficiencies.



ONE GLOBAL PARTNER

Our expertise and global partnerships mean we can be a single point of contact for the life cycle of your data center. As a global partner, we offer:

- **A simplified supply chain**, where all expert suppliers, distributors and contracts are managed through us.
- **Consistent service regardless of your location** – including ongoing support, maintenance and warranty, plus access to in-house teams around the world.
- **Great vendor relations** with the leading manufacturers and solutions providers, for best-in-class solutions unique to your requirements.



AFL HYPERSCALE.

CORNING



COMMSCOPE®

excel
without compromise.

PANDUIT®

ONNEC
ONNEC

OUR EXPERT UNDERSTANDING



MANAGED SERVICES

We have in-house experts ready to add on-site or off-site resource to your environment. Our managed services capabilities include:

- **A global network of experts**, strategically placed in growing data center geographies and ready to be deployed wherever you require them.
- **Round-the-clock support through our On-Demand Field Services.**
- **The highest standards of certification** for all team members, including security vetting and health and safety training.
- **Support, maintenance and optimization** of your data center.

TRUSTED AT THE TOP

Our high quality of work has been rewarded with the trust of numerous blue chip companies in more than 40 countries. Our vendor relationships are built on:

- **Long-standing relationships**, with more than half of our top customers staying with us for over 20 years.
- **On-time, on-budget delivery** that meets our customers' requirements.
- **End-to-end experience** from a team of more than 800 data center professionals, all experts in everything from design to installation.
- **A high standard of service** no matter where our customers are in the world.



TRUSTED & ACCREDITED

Discover how we've brought together the people, skills, partnerships and accreditations to lead the way in connected environments.



OUR PARTNER MEMBERSHIPS

- The Fibre optic Industry Association
- Building Industry Consulting Service International
- The National Security Inspectorate
- The Contractors Health and Safety Assessment Scheme (CHAS)
- Achilles
- FORS
- Construction Line
- Construction Industry Federation (CIF)
- Electrical Contractors' Association (ECA)
- Safe-T-Cert

OUR ACCREDITATIONS

- BS EN ISO 9001, 14001 and 27001 – **Certified**
- BS EN 50600 – Information Technology – Data centre Facilities and Infrastructure – **Certified**
- TIA 942-B Telecommunications Infrastructure Standard for Data centres – **Certified**
- BICSI 002 – Data centre Design and Implementation Best Practices – **Certified**
- BS EN 50172-5 – Information Technology – Generic Cabling Systems – Part 5 Data centres – **Certified**
- ISO/IEC 24764 – Information Technology – Generic Cabling Systems for Data centre – **Certified**
- The Health and Safety Assessment Scheme – **Accredited**



WE'RE WELL CONNECTED

Meet some of the organizations that rely on our expertise every day – and discover the data center solutions we've delivered for them.

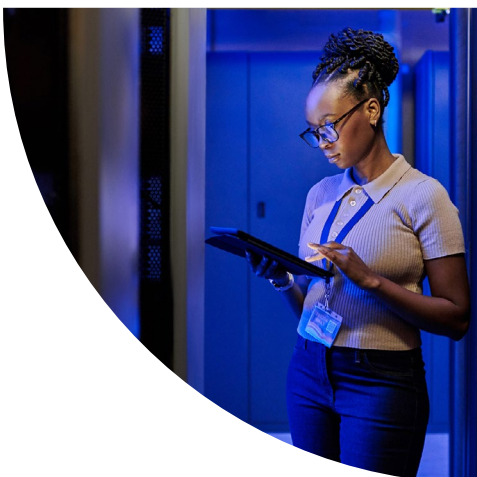


DELIVERING A DATA HALL ENVIRONMENT FOR DIGITAL INFRASTRUCTURE COMPANY

Onnec have a long-standing working relationship, across many locations with this specific customer, but more recently Onnec was commissioned to design and build the complete IT infrastructure of a new data hall environment. Our remit covered the installation of all the structured cabling, construction of the customer cages, installation of the cable containment and delivering all the CAC and HAC requirements. Due to our experience and the flexibility of our highly trained engineers, we also provided on-demand field services to ensure business resilience is maintained and the agility to upscale when needed.

CABLING AND CISCO EXPERTISE TO DELIVER A CNS

This key customer in Germany is a global data center provider investing in building infrastructure that delivers best in class, carrier neutral, hyperscale data center facilities. Onnec was commissioned to work alongside other EMS & BMS contractors to deliver the converged network solution (CNS) for a key site in Frankfurt. Our global team supported the installation of both fiber & copper security cabling for the CNS, as well as fiber, copper and composite cabling installation for access control and cameras. As a Cisco premium partner, we procured, commissioned and fully tested, including factory acceptance and penetration testing, the end-to-end Cisco solution.



PHYSICAL AND ELECTRONIC SECURITY PROVIDER FOR DATA CENTERS WORLDWIDE

Onnec was selected as the physical and electronic security provider for a major Data Center house to revamp their security across 28 sites in EMEA spanning 14 different countries. This consisted of an Omnicast Video Management System, Video Surveillance Hardware, Access Control System and Hardware, Intercom Solution, Intruder Alarms, Security Gates & Turnstiles, all underpinned by Structured Cabling. This was an end-to-end cost effective, compliant, multi-vendor solution consisting of supplying materials, installing the solution across EMEA and providing ongoing support through one seamless supply chain.

WE'RE COMMITTED

We care about what we do, and how we do it. So, we commit to the highest standards in how we treat each other, customers, society and the environment.

TO THE ENVIRONMENT

We take our responsibility for your success seriously. That responsibility includes our duty to the planet – and the actions we can take together to reduce our environmental impact.

Our direct action includes promoting sustainable use of natural resources, optimizing the way we manage waste and continuously looking for new ways to work more efficiently. We also offer Onnec iQ, which gives you real-time analytics for more informed decisions around energy and performance. And our long-term ambition is to work within a circular economy of global vendors where each supplier conscious of and contributing to reducing its impact on the environment.

TO HEALTH AND SAFETY

Our data center expertise extends through every stage of your project. That includes making sure your outcomes are achieved safely.

We invest heavily in maintaining the health and safety standards around our design, delivery and management of customers' data centers – and everything surrounding that. Our data center experts are supported with ongoing health and safety training, all necessary equipment and regular opportunities to feed back on their experiences. It's how we not only protect your business and our reputation but are consistently able to attract the best experts to join us.





ABOUT ONNEC

Onnec is a global IT Infrastructure specialist providing end-to-end connectivity solutions for Data Center, Office, Fulfilment Center & Retail environments.

From structured cabling, networking solutions, managed services, connected devices to building insights, our end-to-end services give you the infrastructure you can completely rely on.

Onnec is one of the world's leading exponents in this space, and with over 800 full-time employees across EMEA, US and APAC, the company is structured around key global customers to ensure consistency of service and delivery. As such, the company has a loyal customer base of multinationals, with relationships spanning 30+ years. Customers benefit from decades of experience and industry-leading standards, deployed at a local level.

www.onnecgroup.com

1. Gartner. 2022. How to evolve your physical data center to a modern operating model. [ONLINE] Available at: <https://www.equinix.co.uk/resources/analyst-reports/how-to-evolve-physical-data-center?>. [Accessed 30 August 2022].
2. Research and Markets. 2022. Reshaping the European Data Centre Market - 2022 and beyond. [ONLINE] Available at: <https://www.researchandmarkets.com/reports/5574884/reshaping-the-european-data-centre-market-2022>. [Accessed 30 August 2022].
3. Top 10 global data centre markets [ONLINE] Available at: <https://datacentremagazine.com/articles/top-10-global-data-centre-markets> [Accessed 23 February 2023].

ONNEC
UNNLC