

G-Cloud 15

Data Centre as a Service



Atos

Table of contents

- 1. What is Data Center as a Service? 3
- 2. What does it deliver? 4
- 3. What technology does it use?10
- 4. What terms apply? 11
- 5. Termination.....12
- 6. How do I order?13
- 7. Glossary..... 14
- 8. Why Atos.....15



1. What is Data Centre as a Service?

Data Centre as a Service is Atos' colocation-like, managed-rack service.

With this service, our clients can be confident that their servers and other equipment are in capable hands. Atos provides space, power, cooling, and physical security for this client-owned equipment, and the client is responsible for managing it.

Data Centre as a Service (DCaaS) is a on-premises, private-cloud-based solution that provides organisations with access to data centre infrastructure and services without the need to own, manage, or maintain physical data centre facilities. It is a scalable, on-demand model that allows businesses to leverage advanced IT infrastructure for their operations while focusing on their core activities.

By selecting Atos Data Centre as a Service, customers will leverage the key benefits.

By using a colocation data centre, organisations avoid the need to build and maintain their own facilities

All components (power, cooling, connectivity, etc.) in the data centres are fully redundant, offering uninterrupted operations, reduced downtime and enhanced reliability.

The data centre use (and associated costs) can easily scale up or down in line with business requirements.

There is no minimum requirement. Whether you need a rack unit, a rack, an aisle or a cage, we have got you covered!

Multiple disaster recovery scenarios can be accommodated thanks to the twin data centre concept, providing business reassurance



2. What does it deliver?

Business owners often face challenges in finding the ideal environment to run their servers, storage, or other equipment efficiently. Issues such as limited server space, inadequate security, inefficient cooling, and unreliable network connections can be overwhelming for those seeking more control over their hardware without the complexities of managing their own data centre.

Atos' Data Centre as a Service, a colocation-like managed-rack service, provides a set of services for Customer-owned servers and equipment. Customers can be confident that their servers and other equipment are in capable hands, allowing them to focus on their core business activities.

Data Centre as a Service is available as a standard service, with additional optional services available for Customers with more complex requirements. The following components are included in both service options

- Proximity Services: Placement near users, carriers, or cloud hubs to minimise latency and improve performance.
- Rack Space: Colocation options (half/full rack, cabinet, cage) with power and cable management.
- Redundant Power: Multipath power, UPS and onsite generators with N+1/2N architectures for uptime.
- Redundant Cooling: Fault-tolerant cooling (CRAC/CRAH, chilled water, containment) to prevent overheating.
- Network: Carrier-neutral, diverse connectivity with direct cloud links, peering and DDoS protection options.
- Access Control: Badge, biometric and visitor policies to ensure authorised entry and audit trails.
- Physical Security: 24/7 security staff, CCTV, perimeter controls, and tamper protections.
- Monitoring: Continuous telemetry and alerting for power, environment, network and systems with reporting/integrations.

The standard services provided that are included in the price are:

No.	Service	Supplier	Customer
1.	Provide a 19" rack for at least 42 rack height units.	X	
2.	Ensure conditioned power with battery backup and generators.	X	
3.	Provide redundant air conditioning and cooling systems.	X	
4.	Provide full flood fire suppression systems.	X	
5.	Provide 7x24 staff and security, fully managed access.	X	
6.	Provide a carrier-neutral environment.	X	
7.	Provide 2 dedicated, separate paths to the site.	X	
8.	Monitor energy usage.	X	
9.	Handling tasks that require physical access to the data centre: Hardware operations such as staging, installing, network cabling, start-up, break-fix management, smart hands, secure disassembling, and documentation.	X	
10.	Escort Customer visitors.	X	
11.	Inform Supplier about visits 1 working day in advance.		X

The optional services that will be charged in addition to the standard services are:

No.	Task	Supplier	Customer
1.	Provide a dedicated maintenance support team.	X	
2.	Take care of the complete infrastructure and supply chain management	X	
3.	Provide implementation and deployment capabilities	X	
4.	Offer full remote management	X	
5.	Enable twinning possibility with Managed Racks in Pulsant Data Centre	X	

Atos has 4 DCs operating in UK

- Birmingham: BBP
- LAP: Livingston
- LBG: Long Bridge
- ACP: Andover

The Atos facility at Birmingham Business Park (often referred to as the Atos Birmingham Data Centre) is a separate, long-established data centre from the Longbridge one. It is located at 3300 Solihull Parkway, Birmingham Business Park, Birmingham, B37 7YQ – in the Solihull area, just east of central Birmingham, near the airport and major motorways (M42/M6/M40 links). Key Details

- History and Ownership – Purpose-built in the early 1990s (operational since around 1991). Atos (previously Atos Origin) has been the long-term tenant/occupier for decades. In January 2015, Atos acquired the freehold from CBRE Global Investors (following a lease that expired in 2021), making it a core-owned asset in its UK portfolio.
- Size and Capacity – Around 32,792 sq ft (about 3,046 sq m) gross internal area. Power capacity is reported as 1.5-2.5 MW across sources – sufficient for enterprise-grade, mission-critical workloads.
- Design and Features – Robust and secure facility with advanced cooling systems, multi-layer physical/security controls, diverse fibre connectivity (multiple carriers for redundancy), and resilient power/UPS setups. It is designed for high reliability, supporting cloud services, managed IT, digital continuity, and sovereign/secure hosting needs (e.g., for government, healthcare, defence, and enterprise clients).
- Efficiency – PUE around 1.58. It was jointly recognised alongside Longbridge in the 2023 EU Code of Conduct for Data Centres Energy Efficiency Award (Corporate Participant Category), where Atos was praised for exceeding best practices in the UK sites.
- Recent Developments – In late 2025, Atos announced a £10 million investment in the Midlands, including a new Sovereign Orchestration Hub at Birmingham Business Park. This will serve as a national hub for advanced monitoring, management, and sovereign digital services – emphasising UK autonomy, AI-enabled infrastructure, resilience for critical sectors (defence, infrastructure, public services), and sustainability. It ties into broader plans for a network of sovereign facilities, including job creation (e.g., 50 initial roles in 2026 via expanded graduate/apprenticeship

programs) and support for AI/digital transformation. The West Midlands Growth Company backed this to position the region in the UK's AI future.

- Location Benefits – Excellent connectivity – close to Birmingham Airport, major roads, and fibre routes. It is in a business park setting, ideal for low-latency access across the Midlands and national links.

Atos Livingston Data Centre is Atos' key facility in Scotland, located in Livingston (just outside Edinburgh, in the central belt). The address is consistently listed as 1-3 Appleton Place / 3 Appleton Parkway, Eliburn, Livingston EH54 7EZ, UK (with slight variations in naming, but the same site; phone: +44 (0) 1506 606300). It is a secure, mission-critical data centre that has been operational since around 2006–2007 (opened notably in 2006/2007 in connection with a major NHS Scotland contract). Key Details

- Design and Resilience – Described as Scotland's most resilient, secure, and energy-efficient data centre (per recent 2025 descriptions). It is the only facility in Scotland with a fully independent, diverse dual-fed power supply to all racks – meaning fully redundant high-voltage feeds from separate sources, including transformers, switchboards, and UPS systems. This provides exceptional uptime and fault tolerance.
- Size – Approximately 12,000 square feet (about 1,115 sq m) of technical space, spread across two data halls with independent power feeds and fire-segregated zones.
- Power Usage Effectiveness (PUE) – Reported as 1.67 in some sources (solid for reliability-focused sites), though partner Asanti lists it around 1.4 in their marketing – indicating good efficiency, especially given the dual-power emphasis.
- Tier/Compliance – Enterprise-grade with high security standards (suitable for strategic/UK critical national infrastructure). It is used for mission-critical hosting, including historically NHSScotland (NHS Scotland) patient data and clinical systems – providing 24/7/365 secure access and reliable sharing across the health service.

Atos Longbridge Data Centre is another key UK facility operated by Atos, located in the Longbridge area of Birmingham (specifically at Plot 6, The Cofton Centre, Longbridge Technology Park, B31 4PT). It is one of Atos' main data centres in the Midlands

Key Details

- Focus on Sustainability – This is one of Atos' standout facilities for energy efficiency. It achieved a very low Power Usage Effectiveness (PUE) of 1.16, which is excellent.

- In 2023, it won recognition from the European Union under the EU Code of Conduct for Data Centres Energy Efficiency Award (Corporate Participant Category). Atos was the only company nominated for two countries that year (UK and Germany), and Longbridge was highlighted for implementing 92 best practices, including:
 - Indirect free cooling (using outside air when conditions allow, reducing mechanical cooling needs).
 - Efficient air conditioning and UPS upgrades.
 - Cold aisle containment to optimise airflow.
 - LED lighting dimmed to 10% (activated only by motion detection for safety and efficiency).
 - Use of renewable energy sources.
- It is described as a cutting-edge, state-of-the-art facility supporting secure, reliable IT infrastructure, with a strong emphasis on environmental responsibility and innovation.
- It aligns with Atos' broader goals, including 100% renewable electricity for UK operations (since 2018 in many cases) and commitments to net-zero emissions.
- Tier/Design – It is enterprise-grade, secure, and supports mission-critical workloads (similar to other Atos UK sites).
- Location Benefits – Longbridge is in south Birmingham, with good motorway access (M5/M42 nearby), making it convenient for Midlands and national connectivity. It is in a technology park setting, historically tied to former MG Rover sites but now repurposed for modern tech.

Andover Data Centre (Hampshire, UK) This is a purpose-built, Tier III data centre located in Andover, Hampshire (address: around 2 Shepherd's Spring Lane, SP10 1DL). It is operated by Atos (a major IT services and digital transformation company). Key details:

- It is a highly specified facility, originally constructed around the late 1980s/early 1990s with later extensions and upgrades.
- Size: Approximately 58,000 square feet (about 5,390 sq m) gross internal area, including fitted data halls of around 23,600 square feet (2,192 sq m).
- Power capacity: Around 10 MW.
- It is designed for mission-critical operations with a strong focus on security, compliance, resiliency, and low-latency connectivity to London (the largest data centre market in Europe).

- The site sits on about 3.5 acres and benefits from good transport links (near the A303, with access to the M3 motorway, and Andover train station about 1.6 km away – roughly 67 minutes to London Waterloo).
- It has been used as a sovereign/secure hosting location, especially relevant for UK public sector, defence, and critical national infrastructure (CNI) needs. In 2025, Atos announced plans to develop sovereign and sovereign AI capabilities at sites including Andover, emphasising secure, compliant, UK-based data hosting amid growing demand for digital sovereignty.



3. What technology does it use?

The Data Centre as a Service offering operates from the Atos Livingston DC, a resilient, carrier-neutral facility designed for enterprise workloads. Livingston provides secure rack and cage colocation with flexible density options, multipath power (UPS and onsite generators with redundant architectures), and fault-tolerant cooling (CRAC/CRAH and containment strategies) to support high-density deployments. The site features diverse fibre routes, multiple carrier and cloud interconnects, and private cross-connects for low-latency connectivity, alongside layered physical access controls (badges, biometrics, mantraps), 24/7 security and CCTV. Comprehensive monitoring and building management systems deliver real-time telemetry for power, environmental and network health, with onsite remote hands support and controls to help meet common compliance and availability requirements.

Details

Racks available (within 3 months after order entry)	80
Connection	On request
Traffic	On request
Energy efficiency	PUE value 1,58 100% renewable



4. What terms apply?

To the fullest extent permitted under G-Cloud 15 Framework Agreement and the Call-Off Contract, Atos will provide the Services in accordance with the Atos Supplier Terms (which will include, but may not be limited to, the Supplier Acceptable Use Policy, Supplier Data Processing Agreement, Supplier Specific Shared Responsibility Model, Supplier SLAs and Supplier Licence Terms and any applicable Third-Party Terms outlined in this Service Description document and the Order Form) and this Service Description document.

For clarity:

- Atos Supplier Terms may be modified in accordance with the provisions of the Call-Off Contract, and remain effective except where expressly overridden.
- Hyperlinks included in the Atos Supplier Terms and Service Description document remain effective where they point to Atos' or the relevant Third-Party Terms or documents. Should a hyperlink cease to function, Atos will work with the client to update it through the agreed procedure.



5. Termination

Termination shall be in accordance with:

- The G-Cloud 15 Framework terms and conditions
- Any terms agreed within the Order Form of the relevant Call-Off Contract
- For this specific service, by default Atos ask for at least thirty (30) days prior written notice of termination without cause.

Atos commits to the continued provision of services for the duration of the Call-Off Contract subject to the terms and conditions of the G-Cloud 15 Framework Agreement, the Call-Off Contract, the Atos Supplier Terms and the applicable Third Party Agreements (as defined in the Atos Supplier Terms and indicated in the Order Form) related thereto.



6. How do I order?

Please contact our team at: gcloud@atos.net

- We will prepare a quotation for your review, including any applicable discounts.
- Once the quotation is agreed, we will issue the necessary documentation (as required by the G-Cloud Framework) and request a purchase order from you.
- Upon receipt of your purchase order, we will configure the services in line with the agreed requirements. Where applicable, you will also receive access to our self-service portal to begin provisioning services.
- If you are a new customer, you may need to complete additional 'new supplier' forms.
- Invoices will be issued to you and to Crown Commercial Service (CCS), quoting the purchase order number, for the services procured.
- We will also submit the required monthly management information reports to Government Procurement.



7. Glossary

Term	Definition
DC	Data Centre
DCaaS	Data Centre as a Service
CRAC	Computer Room Air Conditioner
CRAH	Computer Room Air Handler
UPS	Uninterrupted Power Supply



8. Why Atos

Atos has been a trusted partner on every G-Cloud iteration since the framework began, helping public sector organisations modernise with confidence. We combine global expertise with deep UK experience, delivering secure, scalable cloud solutions that meet the highest government standards.

As Europe's leading provider of cloud and cybersecurity services, Atos offers end-to-end capabilities - from migration and hosting to SaaS and consultancy - supported by UK delivery centres and strategic partnerships with hyperscalers.

Our focus on innovation, sustainability, and social value ensures that customers not only achieve operational excellence but also contribute to a greener, fairer future. With Atos, you gain a proven partner committed to driving efficiency, resilience, and transformation across public service.



About Atos

Atos Group is a global leader in digital transformation with c. 67,000 employees and annual revenue of c. €10 billion, operating in 61 countries under two brands – Atos for services and Eviden for products. European number one in cybersecurity, cloud and high-performance computing, Atos Group is committed to a secure and decarbonized future and provides tailored AI-powered, end-to-end solutions for all industries. Atos Group is the brand under which Atos SE (Societas Europaea) operates. Atos SE is listed on Euronext Paris.

The purpose of Atos Group is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.

Learn more at: atos.net