

S4 – Cloud Object Storage

Simple, Secure, Scalable, Sovereign – with savings of up to 65% compared to comparable solutions

Organisations are required to store higher and higher volumes of data, which means the provision of highly secure storage that meets all applicable compliance requirements often represents an ongoing financial concern.

S4

Cloud Object Storage from EXPO.e allows you to offer your customers a single, software-defined solution to their long-term storage needs, suitable for both traditional and next-gen workloads.

With S4, rather than being split up, files are written to disk as a single object with rich metadata, allowing for the perfect balance between ease of management, global accessibility,

and data protection. At the same time, utilising the inherent flexibility of modern Cloud infrastructure, new nodes and objects can be effortlessly deployed across a distributed system, without compromising security or accessibility.

Finally, S4 Object Storage offers tangible cost savings of as much as 65% compared to similar solutions on the market – savings that you can pass on to your customers. By providing a single solution to their evolving storage needs, you will instantly position yourself as a go-to technology partner and enjoy a steady, sustainable revenue stream.

S4 OBJECT STORAGE DELIVERS:



Optimised backup and archiving processes, with the ability to seamlessly integrate with our CMP, allowing for an ISO repository, as well as low-cost target for snapshots and non-production backups.



A universal storage solution that supports Object, NFS, and HDFS workloads on a single platform



Optimised use of server resources. By offloading a range of objects (i.e. files, media, images) from computer resources, the load on server resources is lessened.



Unlimited scalability. S4 Object Storage is managed through a single, highly intuitive online portal, and trackable across two data centres, with the option of adding a third, if required.



Operational resilience. Geo-protection, mirroring and erasure coding, 3N redundancy, intelligent data placement, automatic recovery of lost or corrupted objects, and automated handling of drive failures minimises any potential downtime.



Streamlined management of the highest volumes of data. The largest data lakes can be effortlessly consolidated, providing a powerful foundation for leading-edge AI, machine learning, and big data projects via the HDFS data service.



Full cost control and exceptional value for money. S4 Object Storage eliminates the need to maintain legacy storage in favour of a highly affordable Cloud solution, no egress charges or support charges and fully transparent billing.



World-class security, without compromising accessibility, with support for both Object and HDFS protocols on a single, globally accessible, highly available platform,



Fully consistent global coverage, with access to more than 750 networks around the world



Simple

S4 Object Storage consolidates the most complex storage environments into a single namespace with universal accessibility and fully centralised management, taking much of the stress out of the long-term retention and management of critical data.



Scalable

S4 Object Storage is completely hardware-agnostic and utilises the inherent scalability of the Cloud to allow new resources to be rapidly deployed via a centralised online portal. This way, your customers enjoy complete control of their storage ecosystem, and will not need to contact you directly when they wish to scale up.



Secure

All customer data is fully encrypted, both at rest, using Advanced Encryption Standard (AES) 256-bit symmetric keys, and in transit, with secure transfers over Secure Sockets Layer (SSL). With this in place, customers enjoy complete peace of mind, and are free to focus on their core business activities.



Sovereign

Your customers need never worry about where their data is located – it will be stored in our world-class, UK-based data centres, and will never leave the country at any point, helping simplify the most complex compliance obligations.

EXPO.e is a Cloud, Connectivity and Communications pioneer with a difference.

From launching the world's first Virtual private LAN in 2006 on our privately-owned 100GigE secure and super-fast Network to our recent launch of the world's first Software Defined Digital Platform (SD-DP), our commitment to innovation has resulted in us being recognised as one of the fastest-growing private companies in the UK, with 9 ISO accreditations to our name.

We have an extensive solutions portfolio that enables us to create services tailored specifically to our customers' operational needs whether that be for Private, Public or Hybrid Cloud, Data Centre, Unified Communications, Cyber Security or Managed IT Services.

Whether it's for a single service or transformative solution, we deliver Peace of Mind-as-a-Service to our customers: that's why we are trusted by over 3,000 customers, with 96% reference-ability and an **industry-leading Net Promoter Score**.

