

Webair Secure Object Service

Private and Secure Object Storage-as-a-Service

Bringing Structure to Unstructured Data

According to IDC Research, digital data will grow at a Compound Annual Growth Rate (CAGR) of 42 percent over the next three years. In order to accommodate these growing storage demands, companies have had no choice but to turn to public cloud solutions that provide storage at scale, but also expose their data to the internet and therefore, cybersecurity threats. The Identity Theft Resource Center's (ITRC) "ITRC Data Breach Report" estimates that more than 29 million records were exposed in 858 publicized breaches across sectors including financial, government, healthcare and education in 2016 alone. However, a significant portion of cybercrime goes unpublicized and oftentimes, undetected.

Webair's Secure Object Service provides an alternative and more secure solution for enabling hyperscale storage without exposing data to the public internet at all. Providing customers with simplified storage and analysis of unstructured data without compromising on network or data security, Webair's Secure Object Service is designed for total flexibility and scalability at an affordable cost.

Object Storage Specifications

Availability	99.999%
Regions Available	U.S.-East, U.S.-West, Canada (Montréal), Europe (Amsterdam), Asia (Hong Kong)
Data Protection	N+2 storage, three (3) copies per object
Replication	Bucket-level, policy-based, cross-region replication
Data Sovereignty	Guaranteed per region data sovereignty
Compliance	Storage: HIPAA, PCI and CJIS-compliant Facilities: SSAE 16 SOC 1 Type II, HIPAA
Liability	Business Associated Agreement (BAA)-backed service covering data at rest and in transit
Encryption	AES-256, client-side via user-defined keys or server-side encryption
Immutability	WORM-compliant, bucket-level configurable
Networking	Direct and private connectivity via interconnection fabrics (PacketFabric, Megaport, Epsilon, and more), physical cross-connects, transport or internet
Segmentation	Network-level account segmentation, with ability to disable public internet access per account
Performance	Single-stream 50MB/s throughput
Protocols	Full S3-compatibility, supporting third-party S3 client tools, RESTful API via HTTPS

Cost and Availability

- Storage:** \$0.03 / GB / Month
- Operations:** No cost
- Transfer:** Free inbound data-transfer
Free outbound data-transfer via fabrics or transport
\$0.01 / GB for internet outbound

Full Accountability, One Provider

Webair’s commitment to take full ownership, responsibility and legal liability for customers’ physical data, data at rest and data in transit is backed by an industry-leading BAA. Our ability to tailor implementations and solutions to meet customers’ unique needs enables Webair to conform to even the most stringent security requirements. When cookie-cutter solutions aren’t enough, customers choose the customization, full management capabilities and high-touch service of Webair.

The Secure Webair Difference

Webair’s Secure Object Service delivers comprehensive data security by providing customers the ability to consume the service privately and securely, not over the internet. Webair’s unique deployment model takes advantage of interconnection fabrics, network partners, and direct transport to deliver the contract and SLA-backed service directly to customers as if it was on-premises.

Secure Object Service is 100 percent Amazon S3-compliant with full API compatibility, and delivers encryption of both data at rest and data in transit with Webair taking full legal liability.

