

# OneDB

## Powering Cloud-Native Apps

OneDB is a fast, reliable, and easy-to-use cloud-native database that manages relational, object-relational, and dimensional databases and supports embedded database management. It delivers high availability and scalability to achieve the performance users expect, seamlessly supporting applications in the background. An always accessible bulletproof foundation at the core of your cloud-native solution allows teams to stay ahead of rapidly evolving data demands. As a result, operational risk is reduced, performance limitations are minimized, and data security is increased.

### Capabilities

- **Adaptable:** OneDB is feature rich and equally able to serve as a foundation for cloud-native solutions, embedded applications, and IoT or edge solutions. On-premises and virtual machine versions are also available.
- **High Availability:** OneDB offers industry-leading replication technologies.
- **Autoscaling:** OneDB leverages our Kubernetes operator and orchestration to add and remove OneDB instances based on workload and configuration to optimize costs.
- **ACID compliant:** OneDB is fully ACID compliant, including support for distributed transactions. Compliance guarantees data transactions are valid and secure across distributed database systems.
- **Modern APIs:** Application developers have fast access to their data through REST, JDBC, .NET and MongoDB APIs and native SQL access via open-source drivers for OneDB in languages such as Python and NodeJS.
- **Data Volume:** Ingest and store streaming terabytes of sensor data, and other information necessary for IoT solutions, allowing for edge management and analytics.
- **Data Security:** Industry-standard encryption using OpenSSL is available in all editions so you can ensure that your data is secure at rest and in motion.



### Benefits and Value

- **Cloud-Native Advantage:** OneDB simplifies deploying, scaling, and managing a cloud-native database within a Kubernetes environment.
- **Easy Deployment:** OneDB can be deployed on one or many clouds via Helm charts in Docker containers with Kubernetes orchestration in just minutes (GKS, AKS, EKS, and OpenShift). This reduces time to value, operational costs, and development time.
- **Cloud Choice:** Complete flexibility in cloud infrastructure choice provides freedom from vendor lock-in to any specific cloud provider.
- **Reliability:** OneDB's high availability (HA) provides the resiliency enterprises demand, ensuring the uptime required for mission-critical applications meets business continuity.
- **Versatility:** OneDB's multi-model database handles native processing for multiple disparate data models within a single, streamlined backend (SQL, NoSQL, JSON, time-series, and spatial data).

- **Transactional speed:** High performance for powering mission-critical applications.
- **Ease of use and administration:** OneDB Explore, an advanced data management console, is Included in the OneDB platform. This allows engine configuration with little to no DBA resources for maintenance.

## About Actian

Actian makes data easy. We deliver cloud, hybrid cloud, and on-premises data solutions that simplify how people connect, manage, and analyze data. We transform business by enabling customers to make confident, data-driven decisions that accelerate their organization's growth. Our data platform integrates seamlessly, performs reliably, and delivers at industry-leading speeds. Learn more about Actian, a division of HCLSoftware: [www.actian.com](http://www.actian.com).

