

# OVHcloud for Healthcare

# Solution overview

Healthcare data is among the most sensitive information that our customers entrust to us — its corruption, disclosure to unauthorised persons, or unavailability often results in considerable loss.

OVHcloud solutions strive to comply with the highest security standards, and they are built using industry-standard technology.

## DATA PROTECTION STANDARDS AND CERTIFICATIONS



### ISO 27001/27017/27701:

ISO/IEC: 27001:2013 Certification and ISMS relating to information security management systems for cloud services.



### CSA STAR:

Cloud Security Alliance (CSA) Security Trust Assurance Risk (STAR) Self Assessment.



### ISO 27701:

ISO/IEC: 27701:2019 Certification and PIMS relating to personal data processing security management.



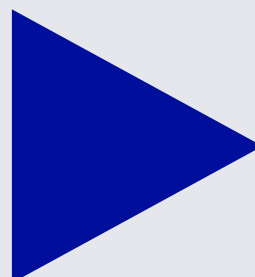
### GDPR:

Compliance with Regulation (EU) 2016/679, known as the General Data Protection Regulation (GDPR).



### SOC 1, SOC 2 and SOC 3:

AICPA certification SSAE 16/ISAE 3402 Type 2 for control over financial reporting.



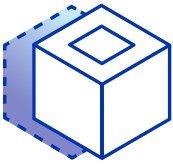


## HEALTHCARE COMPLIANCE

The French Digital Healthcare Agency (ANS) has set out a rigorous framework for healthcare data hosting practices under which the “Hébergement de Données de Santé” (HDS) certification is a mandatory requirement. The HDS certification is recognised as a data security and privacy standard in other European countries.

## HDS-CERTIFIED SOLUTIONS

Healthcare data and hosting solutions are an important building block in the digital patient experience. OVHcloud is conscious of the challenges associated with protecting this data and providing availability — and offers a dedicated range of resilient, scalable cloud hosting solutions.



## CUSTOM DEPLOYMENTS AND LEGACY SYSTEMS

### Advance Servers

With balanced resources and versatile usage — your cluster's building blocks.

### High Grade Servers

Powerful servers, optimised for hyperconverged infrastructure, software-defined storage and distributed databases.

### Scale Servers

Designed for complex computing tasks, such as data inference and grid computing, ideal for research and data modelling for the health and pharmaceutical sectors.

### High Availability Network Attached Storage (HA-NAS)

Managed centralised storage for Linux, Windows and UNIX applications to streamline infrastructure deployments.

### Enterprise File Storage

Managed, software-defined storage with NetApp ONTAP technology for high performance and high availability.



## LIFT AND SHIFT MIGRATION AND HYBRID MULTI-CLOUD FOR HEALTHCARE

### VMware on OVHcloud

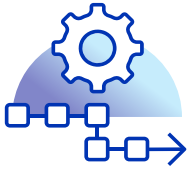
Private datacentre resembling or mirroring your on-premises infrastructure, managed VMware software stack, available with Zerto and Veeam as additional options.

### Nutanix on OVHcloud

Scalable hyperconverged infrastructure, available as an all-in-one packaged service, or a Bring Your Own Licence (BYOL) service. Ready to use in just a few hours.

### SAP on Private Cloud

Private cloud hosting with SAP HANA-certified hardware resources, strong isolation rules and a certified backup agent OVHcloud Backint Agent for SAP HANA databases option.



## MODERNISED APPLICATIONS FOR HEALTHCARE

### Public Cloud Instances

Based on OpenStack and open standards, available via APIs and easily managed with Infrastructure as Code tools.

### Object Storage

Accessible via OpenStack API and S3 API, unlimited on-demand storage.

### High-performance Object Storage

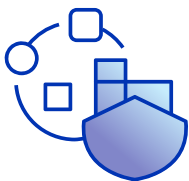
Based on NVMe drives offering ultra-fast IOPS, designed for databases and big data applications.

### Public Cloud Block Storage

Based on Ceph, a triple-replicated storage solution for industrial-scale environments, up to 16,000 IOPS per volume (High Speed Block Storage).

### Managed Databases

Production-ready database engines, including MongoDB, Cassandra, OpenSearch, Redis™ and many more; scalable, flexible and integrated with Public Cloud ecosystem.



## CLOUD-NATIVE APPLICATIONS FOR HEALTHCARE

### Managed Kubernetes Cluster

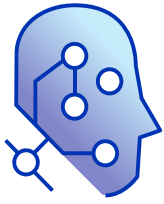
CNCF-certified managed clusters for your containerised applications.

### Managed Private Registry

Repository for your Docker images or Helm charts.

### Private Image Catalogue

Multiple disk formats available, simple imports from URLs and Block Storage, metadata and tags to manage image properties.



## DATA PROCESSING AND AI FOR HEALTHCARE

### AI Deploy

Easy industrialisation of your machine learning models. With NVIDIA CPUs and GPUs.

### AI Notebooks

Jupyter and VS Code notebooks compatible with industry-leading frameworks and applications, such as TensorFlow, PyTorch and HuggingFace.

### Data Processing

Apache Spark cluster available in minutes for your healthcare predictive analytics.

## MIGRATE WITHOUT RESKILLING YOUR TEAM

- Standard software stack and APIs: VMware, Nutanix, OpenStack, Kubernetes
- On-demand resources without long-term contract commitment

## RETAIN CONTROL OVER YOUR IT SPENDING

- OPEX model and monthly/hourly billing
- Ingress and Egress traffic included at no extra cost
- Private network vRack included

## ACHIEVE YOUR ESG OBJECTIVES

- Renewable Energy Factor 91%
- 0.18T CO<sub>2</sub>e/MWh Carbon Usage Effectiveness in 2022
- 1.29 PUE and 0.30 WUE (L/kWh IT) indicators in 2023
- Optimized server life cycle

## EXPERTS AT YOUR SERVICE

- Our Professional Services experts and Enterprise Customer Service teams are always ready to provide you with the support you need, at any time.

## TOP-QUALITY ASSISTANCE

**Professional Services:** Expert assistance at every stage of your project.

### Onboarding

- Technical consulting
- Onboarding your IT teams
- Technical workshops, for example: Building DRP with Zerto.

### Delivery

- Infrastructure planning and sizing
- Assistance during cloud migration
- Proof of concept

### Technical assistance

- Infrastructure audits: performance, storage, network.
- Environment upgrades: scalability and updates of IT environment.

**Enterprise Support:** Customer service adapted to your needs.

### Customised onboarding

- Technical Account Manager
- Solution Architects

### Included services

- Month review with KPIs monitoring
- Technical workshops
- Follow-up on planning and delivery
- Improvement plan
- Annual review
- Security and certification assistance (including third-party healthcare compliance audits)
- Dedicated racks and datacentre

### Technical customer service

- 24/7 availability

## LEVERAGE CLOUD FOR BETTER HEALTHCARE

Join OVHcloud Ecosystem and help us improve the patient experience and access

### Start-up Program for HealthTech

An acceleration program for start-ups and scale-ups to support their growth.

[Find out more](#)

### Partner Program for System Integrators

An initiative dedicated to our reseller partners, integrators and IT consultants.

[Join the Program](#)