

Hyperion, the low environmental impact cloud solution

Groupe Numains is committed to making the digital world more human, sustainable and eco-friendly.

Created for data storage and/or computing, the **Hyperion** solution is fully aligned with that sustainability strategy. It promises the same **performance and security levels as a traditional cloud solution**.



Hyperion, a cloud service with a small environmental footprint

The **Hyperion** solution is all about servers that are configured to be submerged in 100% biodegradable coolant. This new cloud technology was given the green light in the industry some years ago thanks to certain technological bricks.

*Forget your
preconceptions and
beliefs about IT
infrastructure*

We work on every link of the cloud service chain of use, reducing energy consumption, recovering 90% of that energy and offering service close to you that connects you to the world... without your data bouncing around all over it.

Tested, confirmed and approved by an energy recovery study¹, **Hyperion** is already up and running at Groupe Numains head offices.

A solution for everyone

*High-performance
cloud services and
reduced carbon
footprints are issues for
everyone nowadays.
Hyperion provides the
solution.*

Hyperion was designed for any organisation that uses a cloud system, including manufacturers, public authorities, service providers and more... Your structure could reap the benefits of a **dedicated** solution installed at your site or a **pooled version** featuring dedicated servers. We also offer a VM service hosted at Groupe Numains data centres.

¹ Study conducted by Pôle Cristal in Dinan, France.

Our solution can provide you with the level of security you demand. In addition, digital sovereignty over your data will be tailored to your specifications.

Installable close to you, wherever you may be

Our solution has no constraints, so it can be replicated **anywhere in the world**. It needs no climate control, meaning we can use servers in environments with temperatures in excess of 50°C.

We combine close service with convenience



We can install the solution as close as possible, right on your company's site, but also in a mobile version located in a fitted out container that will act as your **Hyperion** server room. You can set it up at one site and then decide to move it to a different location later on.

A team at your service, from installation to maintenance of your infrastructure

Our teams of experts will be with you every step of the way, installing the solution, transferring your data and keeping your infrastructure up and running.

We will then monitor the solution remotely, to ensure its high availability, 24/7.

Hyperion in the news

“Creating the data centre of the future in Laval”

Ouest-France,
06/05/2021

“Cooling data centres in Dinan by immersing them in oil”

Ouest-France,
13/01/2022

“MCT ramps up its growth with its Hyperion data centres”

API Ouest-France,
17/01/2022

Concrete applications

Use of Hyperion VMs

- Our VMs are set up in a Hyperion data centre in northwestern France, where their usage can be pooled
- Redundancy is provided by a backup site located within a 250 kilometre radius

Placement in hot countries

- Servers usable in environments hotter than 50°C
- Coolant temperature stabilised by means of a heat exchange with the air outside

Installation on third party sites

- Use of cloud resources on a server dedicated to you
- Set-up of the solution at a third party's site to recover unavoidable energy in order to heat a tertiary building.

ENERGY RECOVERY

- Recovery of 90% of the energy generated by the servers
- PUE (power usage effectiveness) of 0.3 after reclamation
- Building management contributing to the circular economy

SERVICES

- Turnkey service
- Scaling to needs
- Installation on site or in data centres
- Data migration from existing servers
- Management and maintenance performed by the same teams

HYPERION

ENERGY SAVINGS

- No energy consumed to cool your servers
- 30% energy savings based on an average PUE of 1.3
- Possibility of pairing the solution with renewable energies

CORPORATE SOCIAL RESPONSIBILITY

- 100% biodegradable coolant
- Stainless steel tank (food grade)
- 100% designed in France
- Extended server life
- Better server performance meaning fewer servers
- Scalability for changing needs over time
- Positive impact on your carbon footprint