

DevOps Annual Report 2025

A year of continuous improvements in
Performance, Reliability and Productivity

2025 has been a fruitful year at AVISTO. We continued improving our services and reducing operational downtime. By adopting modern distributed systems, we increased reliability in our live environments. Today, we run over 200 workloads at scale, serving customers worldwide.

Let's begin with the key metrics that shaped our year



60 000+

Daily visitors



48

Websites in production



99.989%

Annual uptime*

During the year, our team successfully deployed multiple platforms across 28 countries, delivering seamless experiences to users worldwide. Even under peak traffic, we maintained our high-quality standards, ensuring thousands of simultaneous users could access our platforms without any disruption. This demonstrates our commitment to reliability, scalability, and operational excellence.

Reliability & Uptime

We faced significant challenges like AWS & Docker hub global outages.

100% Production availability

While industry-wide outages affected major cloud providers, our platform remained fully available and functional thanks to our proactive infrastructure strategy.

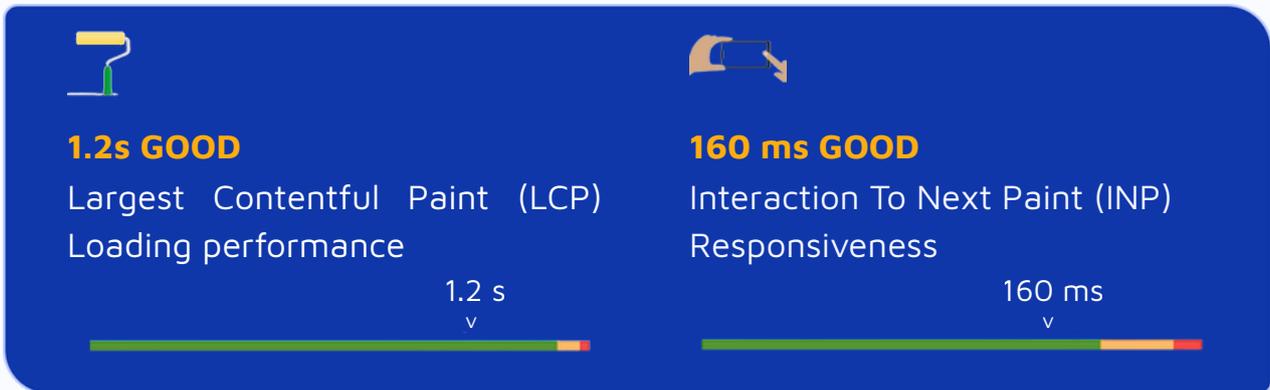
Relying on private registries

We removed Docker Hub dependencies by using private container registries, ensuring full infrastructure autonomy.

*Annual uptime : Average global uptime between projects under AVISTO's maintenance from January 1st to December 22nd, computing only contractual uptime, can be working hours or full time, excluding planned maintenance outside of SLA (Agreement between the customer and the DevOps team)

Performance Excellence

Improving our customer experience by optimizing the Core Web Vitals



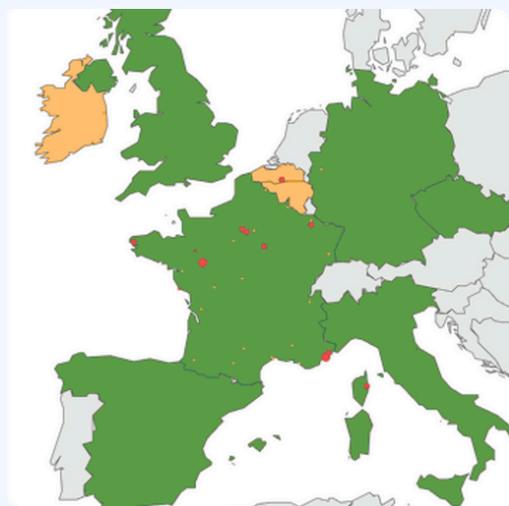
This year marked a major step forward in our web performance journey. By strategically leveraging a global Content Delivery Network (CDN) such as CloudFront / Cloudflare, we significantly improved our Core Web Vitals and overall user experience.

Smarter Caching for Maximum Impact

We redesigned our caching policies with performance as a first-class objective:

- ▶ Fine-grained cache-control headers tailored to content criticality
- ▶ Aggressive caching of static assets (JS, CSS, images) with long TTLs;

We delivered equal experiences between countries



● Good (≤ 2.5s) ● Needs improvement (2.5-4s) ● Poor (> 4s)

Defining precise caching rules allows to drastically reduce web application load time.

We deliver content worldwide, leveraging over 100 data centers across all seven continents.

- ▶ While this system may seem costly, it is actually more affordable, energy-efficient, and helps reduce traffic load on your main servers.

*LCP Largest Contentful Paint : Corresponds to the 75 percentile of page load time for the digital solution of one client for the week 51 of 2025.

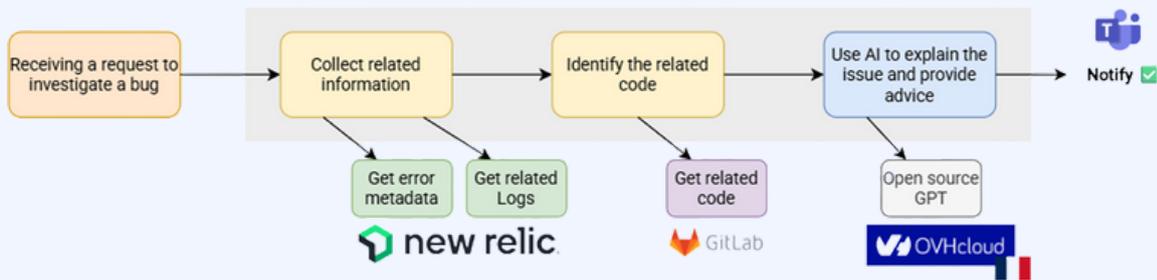
*INP Interaction To Next Paint : Corresponds to the front-end interactivity of the digital solution of one client for the week 51 of 2025.

Revolutionizing Error Management with AI-Powered Analysis



- ▶ Generate daily reports of production errors.
- ▶ Combine metrics, logs, and source code to provide precise answers.
- ▶ Use AI analysis to accelerate severity evaluation and promote good practices.

SRE Agent architecture



Why are we using AI in that context ?

Improve Root Cause Analysis

By correlating signals across logs, metrics, and incidents, AI can suggest likely causes of slowness or outages, helping engineers focus their debugging efforts.

Enhance Communication

AI can structure findings into actionable reports, ensuring developers get the right context (error traces, performance bottlenecks, suggested fixes) without being overwhelmed by noise.

Privacy and Compliance First

Given AVISTO's work with sensitive data, the project was designed with strict privacy and compliance standards. All data is processed within OVH's French datacenters, ensuring full GDPR compliance. The infrastructure is secured with enterprise-grade certifications, and no data is shared externally or used to train public models.

In 2025

We kept your software factories operational

We managed:

3

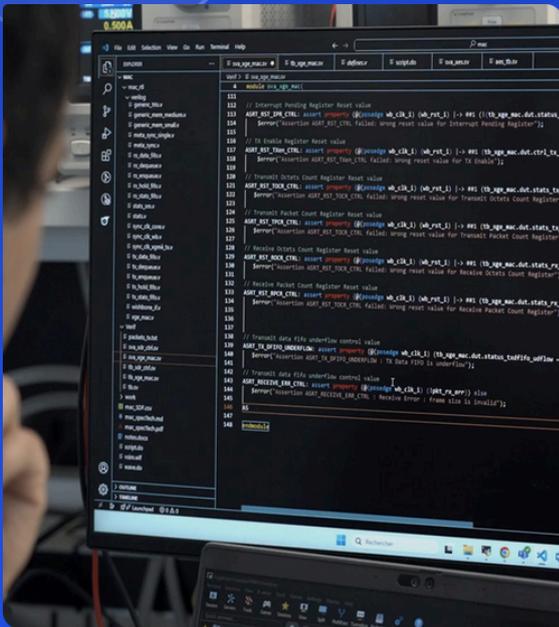
Gitlab instances

50+

Continuous integration pipelines

16

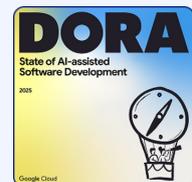
Production environments



Maintaining up to date software factories to

- ▶ Deliver the latest features to our customers.
- ▶ Quickly mitigate disclosed security vulnerabilities.
- ▶ Delivering a smooth and efficient developer experience.

This year marked a period of continuous improvement in our platform engineering practices



By adopting industry best practices mapped to DORA (DevOps Research & Assessment) metrics, we drove a significant uplift in developer productivity.

Core productivity factors

- ▶ Stayed consistently attentive to developer feedback and provided the best possible support.
- ▶ Delivered on-demand test environments for faster and more flexible testing.
- ▶ Triggered automated tests on every new release to ensure reliability.
- ▶ Introduced automation to detect outdated and vulnerable dependencies, improving maintainability.

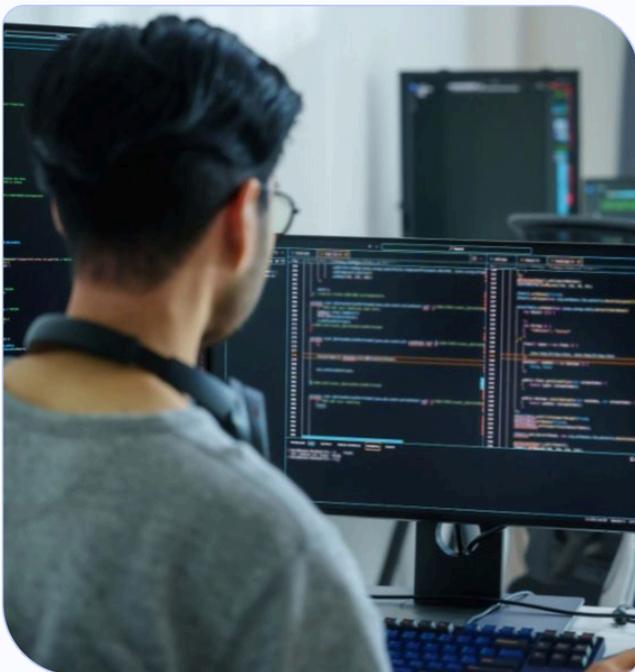
Last year, we addressed major industry challenges with two diagnostic solutions

Cybersecurity Diagnostics

The goal is to identify vulnerabilities in your applications and infrastructure, while strengthening the trust of your clients, partners, and investors.

Benefits:

- ▶ Reduced financial and reputational risk.
- ▶ Compliance with customer and investor requirements.
- ▶ Guidance from DevSecOps experts.



Performance & Scalability Diagnostics

The goal is to assess your solution's ability to handle increased load, ensuring smooth performance and high service availability.

Benefits :

- ▶ Proactive identification of performance issues before they affect your users
- ▶ Optimization of customer experience and scalability
- ▶ Enhanced credibility with investors and partners

[Find out more](#)

We thank our customers for the trust they place in us

We believe **performance**, **reliability**, and **security** are not destinations, they are continuous journeys.

Our **ambition** is clear: to go far beyond expectations and support your most critical projects with excellence, precision, and scale.

Start your project today by contacting us

Our specialists are ready to guide your journey toward success



Cloud Architect



AI Operations Engineer



Platform Engineer



Site Reliability Engineer



Cybersecurity expert



Database Administrator