Scalable, secure and future-proof.

Start making the best choices for hosting SAP HANA now.

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The transition to SAP HANA

SAP has been the standard for ERP systems among medium and large enterprises for years now. Many organizations are quite literally built on it and have seen the software and database transform along with their business.

With SAP HANA, SAP resolutely chooses to take a big step forward. And that also translates into hardware requirements. In former times, you chose a server from the certified options and made sure there was enough capacity to handle peaks and growth. Now, most organizations with SAP are looking to the cloud. Partly because of SAP's own cloud-first strategy, but certainly also for the many related benefits. However, it may not be the ideal solution for everyone: the public cloud may seem economical and flexible, but it does represent a high threshold for many organizations.

And this is exactly why we have prepared this guide. What are your options? How do you make the best choices? And how do you make sure that you can continue to build on that environment in the years ahead?

This guide includes:

- The benefits of SAP HANA
- Your options: public cloud, private cloud and on-premise
- Dedicated hosting in the Rcloud for SAP HANA
- Your SAP environment in an as-a-service model
- Backup and recovery
- Assistance and support for your SAP application

The benefits of SAP HANA

After 2027, SAP will only support HANA implementations. This means that all organizations currently running SAP version that is based on a relational database will have to be prepared for an upgrade before that deadline.
This applies to their SAP environment as well as the underlying infrastructure.
If you already have SAP, you know that high infrastructure requirements are nothing new. For SAP HANA and S/4 HANA, SAP is adopting a cloud-first strategy. They they are doing this because it is the only way they can offer important innovations and updates faster.

Start preparing for migration now

The HANA platform with in-memory database provides impressive speed and performance, along with more stability and security. It's a far-reaching change and not just an update. It means you face major challenges and investments both in terms of infrastructure and management. In fact, SAP HANA requires significantly heavier infrastructure and has a huge impact on your regular operational SAP management, as well as your infrastructure management. Especially if you currently run SAP entirely on-premise.

One thing's for sure: don't wait until the last minute

That's why we are the #1 SAP HANA Partner ready with advice, solutions and support. We are backed by SAP experts who can handle the migration and configuration of your SAP HANA, as well as infrastructure experts who can ensure that you remain compliant and make the right, future-proof choices. We will work with you closely to devise a customized project governance plan to guide your migration step by step.

What are the biggest advantages of SAP HANA and S/4 HANA?

Real-time data and insights through the in-memory database

Continuous updates and optimizations thanks to the cloud-first strategy

No more extracts, which means **lower latency**

An ERP system ready for the explosive **growth of data**

More security and stability for your most critical data

Public cloud, private cloud or on-premise?

A migration to SAP HANA means that you have to make choices in terms of infrastructure. Investing in a new on-premise infrastructure typically translates into large CAPEX investments and a commitment from your IT team to keep this environment largely under their control. Even given SAP's own cloud-first strategy, this is no longer an obvious choice.

The public cloud may seem inexpensive and flexible, but for many organizations it represents a high threshold. With a public cloud, the SAP team has to be completely retrained and completely different challenges suddenly emerge: how do you keep usage and costs under control, and how do you ensure fast response when things go wrong? After all, this is often about your most critical data and processes. By choosing a private cloud, you choose the golden mean and a simple solution: cloud offloading on Belgian territory in an as-a-service formula.

Governance in the Rcloud

As a public cloud specialist, private cloud provider and platinum partner of Hewlett Packard Enterprise, we at Realdolmen have the expertise and experience to take your concerns off your hands. In our managed cloud, our experts take care of the installation, configuration, support and management of your cloud environment for SAP. You can also rely on us for the functional management of your SAP environment.

On-premise

Here you retain full control over your data, but you are also responsible for compliance, maintenance, security and management.

Rcloud (private cloud)

As the #1 SAP HANA partner in Belgium, we have collaborated with HPE to build a private cloud platform that is perfectly aligned with SAP HANA in an as-a-service formula.

Public cloud

This is what you choose for maximum flexibility. Your data can be anywhere, your costs are less transparent, and you run the risk of lock-in.

Dedicated hosting for SAP HANA in Rcloud?

There are several reasons why you may not want to choose a public cloud to run SAP. They include cost, security, administration and usage. SAP endorses a cloud-first approach because it allows them to make updates and add functionalities with greater speed. But not every cloud is the same.

The HANA database on which SAP is built places high demands on the infrastructure. What's more, with SAP data it's often important for that data to stay local, in your own country. Hosting everything on-premise is becoming increasingly difficult due to the large CAPEX investments and unused capacity involved. This is exactly why our SAP experts have built a dedicated platform in our own private cloud. It is fully certified, focused on top performance, and 100% compliant.

The 7 greatest benefits of dedicated hosting in the Rcloud:

1. Optimize your costs: Handle peak load without complex deployments, unused capacity or large investments.

2. Single committed service level: A single contact and manager who guarantees your SLAs.

3. Ensure compliance: Choose a platform that is always compliant, is always supported and where your data stays local.

4. Ensure security and connectivity: Rely on the built-in security and continuity of the Rcloud.

5. Scalability: Choose an environment that grows with SAP and with your needs.

6. High availability: Choose a redundant setup with disaster recovery from the Rcloud.

7. Focus fully on your core business: Take the hassle out of maintenance, security, hardware management and life cycle management.

Your entire SAP environment in an as-a-service model

SAP is the beating heart of your organization. But there is also a financial reality to your most critical workloads. With SAP-as-a-Service in the Rcloud, you are opting for a transparent TCO that is up to 30% lower than SAP via the public cloud. With the pay-as-you-grow model, you can also count on easy activation of new ERP modules.

What's more, your SAP environment in the Rcloud is configured to give you crystal-clear insight into your usage and enable you to intervene quickly where necessary. Adjustments and continuous monitoring contribute to the rapid detection of opportunities to increase cost efficiency. This is how we work together to keep the bill transparent and within bounds.

Backup and recovery

You have to be able to count on your SAP system, at any hour of the day and every day of the week. After all, downtime from a power failure, hardware or software malfunctions, cyber attacks or simple human error can have serious consequences. Backup and recovery are also essential to ensure the continuity of your SAP environment.

We also offer this in Rcloud and it is 100% OPEX, according to a pay-as-you-go model. We fully customize this to your business needs to include SLA-driven services that guarantee complete, future-oriented outsourcing of your IT continuity for complete peace of mind.

By offering backup & recovery as a service, we try to maximize the possibilities that the cloud offers versus the classic, often time-consuming and expensive workloads in a local infrastructure. This way, you don't have to repeatedly process and transfer tapes or disks to a secure location.

Discover the as-a-service model

- Continuous availability for **technical, operational** and (optionally) **application support**
- **Proactive service advice and follow-up** (e.g. performance reports, evaluation of current and future service costs, etc.)
- **Governance during migration, as well as advice on service follow-up and improvements after migration.** For example, how can new modules from SAP add value to your business, and how can they be activated and implemented as a business process?
- **Reactive technical support from experts for e.g.** integrations to other systems or inputs and outputs, availability issues, deficiencies in business processes, etc.

Assistance and support for your SAP application

Taking the step to SAP HANA means major changes not only in terms of infrastructure, but also the application itself. And that starts with the migration. Switching to an entirely new application in a new environment is no walk in the park, and your business continuity is of the utmost importance.

Our team is also ready to set up and run your new SAP environment:

- With our SAP Development Factory, we offer you the flexibility to better tailor your SAP HANA environment to your needs in terms of cost, functionality and management.
- Our SAP Adm/Basis 24/7 support line keeps an eye on your environment around the clock and can intervene proactively or reactively if things go wrong.
- With our own SAP Application Management (SAM) system, we can also provide continuous support for S/4 HANA in the areas of finance, logistics, HR and Netweaver.
- Near-shoring for application migration: call on our professional partners for a fast and cost-effective transition.

Is your SAP infrastructure ready for tomorrow?

We'd love to help you get started on the most efficient, reliable and scalable hosting for SAP HANA.

Don't wait until the last minute to make the switch. Don't hesitate to contact our experts via info@inetum-realdolmen.world.

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