# SAP on Cloud: Next Generation of Real time Analytics

# SAP solutions on cloud

The SAP Cloud Platform is a great tool to permit businesses to develop and run SAP HANA apps within the cloud.
In this Platform as a Service (PaaS) offering, businesses can't only build their own HANA applications, but also integrate existing applications with other SAP or third-party environments — both on-premises and within the cloud. The HANA Cloud Platform evolved

SAP has continuously added new functionality to the HANA Cloud Platform.

They recently changed its name to the SAP Cloud Platform to precise the thought that the platform had grown beyond an SAP HANA utility into an entire development environment. Users can access SAP security services, storage, collaboration, integration, IOT, machine learning and other tools, allowing companies to harness a classy business functionality with low TCO.

However, the SAP HANA Platform remains only one of the many PaaS and HANA cloud solutions.
Businesses must carefully weigh the pros and cons of the SAP HANA Platform to work out whether it is sensible for them.

# Why Use the SAP Cloud Platform?

The SAP Cloud Platform may be a useful gizmo for businesses looking to enhance connectivity between different parts of their business, or more fully utilize new data.
For a manufacturer, cloud computing within the SAP Cloud Platform could help to attach IoT sensors into the remainder of the ERP landscape to raised the info to enhance maintenance or productivity.
The SAP Cloud Platform is additionally very useful for developing new mobile apps, or mobile integration for existing apps.
The SAP Cloud Platform also offers a replacement GUI for business analysts to make workflows for complex processes, tools for project managers, machine learning functionality and new Hadoop big data services. this is often just a little subset of the applications available within the SAP Cloud Platform.

# Why Do I Need the SAP Cloud Platform?

There's no one exact answer of this question. Although the SAP Cloud Platform is powerful. Whether or not it's the right choice for you will depend on a huge range of factors, including:
❖Your existing hardware, software and cloud assets management
❖Human capital

- ❖Development goals
- ❖Development strategy
- ❖Core competencies
- ❖Business culture

## Improve Performance and Productivity with SAP Cloud Hosting

Given the complexity of SAP systems and therefore the general lack of support to stay it running reliably and price efficiently, businesses often face a loss in productivity and costs. Fortunately, SAP Cloud hosting solutions provided by SAP certified experts can help alleviate common issues and ensure your SAP systems are running at maximum capacity. On premise hosting normally involves an IT team that lacks the expertise and knowledge required to completely optimize your SAP environment. Minor performance issues can gradually accumulate and cause potential service outages. Likewise, slow processing times can decrease productivity, which may frustrate both customers and employees.

While SAP systems hamper thanks to reasons like poor capacity planning, incorrect resource allocation, and poor administration, SAP Cloud hosting can help monitor network performance, provide ongoing analysis, and most significantly, prevent issues before they become a drag . Transform the core and innovate faster with SAP solutions on cloud. Cloud may be a catalyst for and source of continuous business innovation at scale.

# Potential business benefits

✓ **Reduced cost**

•30-50% long-term cost reductions
•10-15% reduced SAP project costs

✓ **Optimized**

•Multiple vendor options at each layer of the stack
•Cloud services provisioned as-a-service
•Automated DevOps and management

✓**Secure**

•Security spans across all layers and delivers policy-based, automated enforcement
•Data is encrypted by default at rest and in transit, addresses GDPR

✓**Advanced capabilities**

•Only hours to provision with right-sized and auto-scaling capacity
•Standard, non-complex business continuity solution

✓ **Speed up innovations**

- Jump-start analytics and IoT
- Liquid Studio, agile apps, DevOps
- SAP to DevOps

➢ **Better decisions backed by data analytics Cloud**

- Centralized Intelligence
- Track organizational KPIs in real-time with up-to-the-minute updates to your interactive dashboards.
- Automatic Insights
- Machine learning technology highlights key business drivers and insights so you can take action.
- Integrated Planning
- Streamline end-to-end workflows with a single software solution for business intelligence and planning.
- Interactive Results
- Dive deeper and run simulations right from the boardroom with a 360° view of your business.