#### SAP NS2 Solution Brief | PUBLIC

Enterprise Resource Planning | SAP S/4HANA Cloud, private edition

# SAP S/4HANA Cloud, private edition delivered through an enhanced security model







## **SAP National Security Services**

SAP National Security Services (SAP NS2) was founded to help protect and secure the mission critical operations of highly regulated organizations. As the U.S. cloud service provider of SAP, we provide the unique capability for regulated industries, government agencies, and defense departments to run market leading SAP applications without having to sacrifice security, innovation, or cost. Our team of local, credentialed experts provide the highest levels of security and compliance, deliver world class innovation, and protect critical data across all applications enterprise-wide.



SAP NS2 Solution Brief

Secure, compliant cloud technologies can transform how you operate within your industry. SAP NS2 **delivers the power of SAP's intelligent enterprise** with secure cloud solutions built to maximize data sovereignty and secure workloads.

SAP NS2 Solution Brief Introduction Challenges Solution Benefits

# Barriers to secure cloud ERP operations for regulated organizations

In today's cloud computing world, organizations must protect their enterprise resource planning (ERP) systems more than ever before. The key considerations are:

Uniform protection of critical systems. As organizations transfer data to varying entities, the flow of critical data succumbs to multiple integration points. Without a consistent security model, systems are in a vulnerable position, as it becomes the organization's responsibility to manage and maintain security across different cloud solutions and infrastructure providers.

Adherence to industry standards. Commercial cloud solutions utilize a global support and deployment model, which means data is not geographically restricted to the U.S. and there is limited insight into who supports the systems. Regulated organizations need solutions that combine commercial innovation with industry-specific security regulations, such as NIST 800-53, ITAR, and FedRAMP®.

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SAP S/4HANA Cloud, private edition solution overview

Understanding SAP S/4HANA Cloud, private edition deployed through SAP NS2

Run, build, and grow your business with the power of SAP NS2's secure cloud deployment

Why SAP National Security Services: Secure. Local. Sovereign.

SAP NS2 Solution Brief Introduction Challenges Solution Benefits

## SAP S/4HANA Cloud, private edition solution overview

SAP S/4HANA Cloud is an enterprise resource planning cloud solution that packages support, infrastructure management, and technical managed services into a single software-as-a-services (SaaS) offering. SAP S/4HANA Cloud has built-in technologies, such as AI, machine learning, and advanced analytics, to allow organizations to create a customized solution that supports their business operations. This offering provides a path for an accelerated, integrated, and tailored cloud transformation with a priority on safeguarding critical applications and data.

SAP NS2 supports the following SAP S/4HANA Cloud offerings:

- SAP S/4HANA Cloud, private edition
- SAP S/4HANA Cloud, tailored option



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Introduction

## **Understanding SAP S/4HANA Cloud, private edition** deployed through SAP NS2

At SAP NS2, we know that innovation fails without security. ERP cloud solutions are a critical aspect of organizational success, as they help manage day-to-day operations, integrate core business processes, and unify the organization. But without the right security parameters, regulated industries are bound to on-premise infrastructure.

Through our U.S. sovereign deployment model, we control how SAP S/4HANA Cloud is governed, where it resides, and how its data is secured. This gives regulated organizations the ability to benefit from the innovation of SAP S/4HANA applications while remaining protected through cloud sovereignty and stringent security controls.

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#### **KEY BENEFITS:**

- Industry-specific protection of mission-critical data through ITAR, DFARS, and FedRAMP® controls
- SAP NS2 experts who have deep industry knowledge of cloud business drivers and unique industry needs
- In-country ERP operations through local deployment, infrastructure, and data residency practices

Introduction

## Run, build, and grow your business with the power of **SAP NS2's secure cloud deployment**

#### In-country deployment of your ERP solution.

SAP S/4HANA Cloud is deployed on governmentattested cloud infrastructure and governed and maintained within the U.S. Your critical financial and operational data stays local to mitigate the risk of global adversaries.

#### Local support from credentialed individuals

Through stringent role-based access controls, all personnel who access your systems are in-region, U.S. persons who abide by the unique security requirements of your cloud solution.

Unified security model. Our environments adhere to government and industry standards, allowing for scalable, enterprise-wide security.

#### Adherence to industry-specific security regulations.

- National Institute of Standards and Technology (NIST) 800-53
- International Traffic in Arms Regulation (ITAR)
- Federal Risk and Authorization Management Program (FedRAMP®)
- Defense Federal Acquisition Regulation Supplement (DFARS)
- Protected B

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#### We support the following industries:

- Federal Civilian
- Department of Defense
- Aerospace & Defense
- State. Local & Education
- Manufacturing

- Utilities
- Financial Services
- Intelligence Community
- Commercially Regulated & more!

# Why SAP National Security Services: Secure. Local. Sovereign.

SAP NS2 understands the value of complying to local data sovereignty regulations, storing data locally, and controlling who can access data based on regional requirements.

The innovation, functionality, and services of SAP S/4HANA Cloud meet the same standards as SAP Commercial, but SAP NS2's offering brings extended value regarding how the solution is protected and managed.



- We leverage tools such as vulnerability scanning, intrusion detection, and continuous monitoring to ensure your data stays protected under an automated security model.
- Dedicated, local, and credentialed SAP NS2 resources support your cloud landscape through deep industry and regional compliance knowledge.
- Our offering mitigates the risk of external threats by limiting system management, providing incountry deployment, and leveraging an enterprise strategy to control the data and resource access within your region.

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