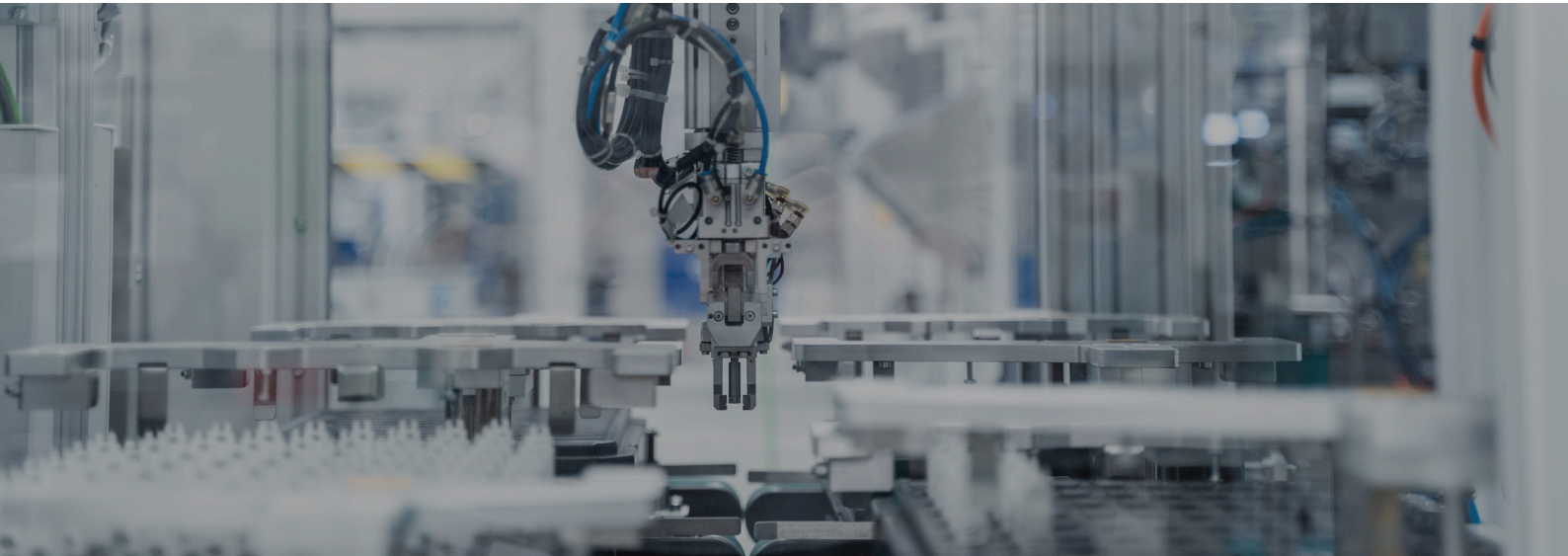
SAP NS2 Solution Brief | PUBLIC
Securely adopting cloud innovation | Manufacturing

A Secure Cloud for the Manufacturing Industry



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 manufacturing industries 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.

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.

Barriers to securely adopting cloud services for manufacturing agencies

Manufacturing agencies are facing an increased demand for faster delivery and heightened production, and they need resilient, sustainable supply chain operations to meet customer expectations. Cloud solutions are a proven approach to improving processes, but manufacturing industries require heightened security as they often handle mission-critical machines, equipment, and supplies. The keys to a secure digital transformation are:

Cloud solutions dedicated to improving supply chain processes. As the world becomes more digital, manufacturing industries are met with the pressure of creating resilient and sustainable supply chain networks. They need solutions that can address increasing complexities and transform their traditional, linear supply chain models into intelligent, responsive supply and demand networks. When an organization is equipped with solutions that address innovative business models and processes, and are built to the correct security parameters, they can rise above competitors.

Protection against global adversaries – even when conducting business with international customers. Manufacturing organizations are in a unique position, as they provide their products and solutions to customers across the globe. Organizations need to know that their data and operations remain in the U.S. and are protected according to the standards put in place by the U.S. government – no matter who they conduct business with.

SAP National Security Services

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SAP NS2 cloud portfolio overview

Understanding how SAP NS2 deploys solutions with your security standards in mind

Navigate your operations to the cloud with SAP NS2's secure cloud deployment

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

SAP NS2 cloud portfolio overview

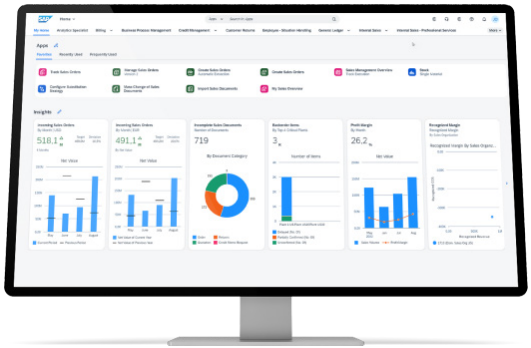
Enterprise Resource Planning:
- SAP S/4HANA Cloud, private edition
- SAP S/4HANA Cloud, tailored option
- SAP S/4HANA Cloud, extended edition
- SAP Secure HANA Cloud
- SAP Cloud Application Services

Analytics and Innovation:
- SAP Business Technology Platform
- SAP Analytics Cloud

Supply Chain Management:
- SAP Integrated Business Planning
- SAP Service and Asset Manager

Spend Management:
- SAP Fieldglass
- SAP Asset Intelligence Network
- SAP Business Network

Human Capital Management:
- SAP SuccessFactors



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At SAP NS2, we know that innovation fails without security. Through our U.S. sovereign deployment model, we provide manufacturing organizations an avenue to adopt the innovation of the cloud without compromising on security. We strictly control how our cloud portfolio is governed, where it resides, and how its data is secured.

This control empowers manufacturing organizations to benefit from intelligent cloud solutions that improve supply chain operations and a cloud portfolio that supports all lines of business. Our dedication to data access, data residency, and cloud sovereignty ensures manufacturing organizations can future proof their operations while remaining protected by their industry standards.

KEY BENEFITS:

- Industry-specific protection of mission-critical data through ITAR, FedRAMP® Controls and NIST 800-53
- SAP NS2 experts who have deep industry knowledge of cloud business drivers and unique industry needs
- Solutions and infrastructure supported and deployed by U.S. persons on U.S. soil to ensure operations remain in country

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Solutions for supply chain planning and sustainability. SAP's cloud solution portfolio allows you to implement intelligent technologies, such as Industrial IoT, manufacture solutions that precisely fit your needs, and run greener by embedding sustainability data into core business processes.

SAP NS2's secured cloud environment. Our cloud environment has been built to support your unique security needs. Each SAP solution hosted by SAP NS2 is secured by ITAR compliance, NIST 800-53, and FedRAMP® Controls. This best protects intellectual property, work facilities, and supply chains.

A team dedicated to security. Our organization is built on deep industry and regional compliance knowledge. When you choose SAP NS2, you are promised long-term support from partners that understand your industry pain points, security needs, and constantly changing demands.

A cloud portfolio that caters to industry-specific needs. Intelligent solutions with machine learning to automate processes, enable faster selling, and collaborate across the organization for pipeline visibility.

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We understand that manufacturing organizations face different international threats and have unique compliance requirements surrounding their cloud operations. We are the solution for meeting and exceeding these challenges.

The innovation, functionality, and services of the SAP NS2 solution portfolio meets the same standards as SAP Commercial, but SAP NS2 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.
- Adherence to ITAR provides dedicated U.S. resources to support your cloud landscape through deep industry and regional compliance knowledge.
- FedRAMP® Controls ensure we operate according to the policies accepted by government and defense agencies.
- Our offering mitigates the risk of external threats by limiting system management, providing in-country deployment, and leveraging an enterprise strategy to control the data and resource access within your region.

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