

SAP NS2 Solution Brief | PUBLIC

Securely adopting cloud innovation | Aerospace and Defense

# A Secure Cloud for the Aerospace and Defense 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 services provider of SAP, we provide the unique capability for aerospace and defense 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 aerospace and defense agencies

Aerospace & defense (A&D) organizations face challenges in adopting commercial cloud solutions, as they manufacture and deploy technology that impacts the security of our nation. These mission-critical operations require enhanced protection, as the breach of an A&D organization could impact the safety of their government customers. The keys to a secure cloud adoption are:

**Adherence to International Traffic in Arms Regulation.** As navigating to the cloud becomes a necessity to future proof operations, A&D organizations have a desire to accelerate their digital transformation. But, they must first consider the security threats that are presented in a digital world. In order to safeguard the data processed within cloud solutions, the United States created a subset of standards and regulations known as International Traffic in Arms Regulation (ITAR). ITAR requires in-country protection of all data stored in the cloud by A&D organizations, and it has become a non-negotiable aspect to a secure operating model.

**A cloud service provider who balances innovation with security.** The data analyzed by A&D organizations includes classified supply chain operations, innovation pipelines, and government aircraft technology. As A&D organizations pave the way for innovation and adapt to trends within the industry, the privacy and protection surrounding this data is of the utmost importance. A&D organizations need tools that help them evolve, weave together siloed processes, leverage intelligent technologies, and connect real-world data to create value for the industries that rely on them.

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## **Barriers to securely adopting cloud services for aerospace and defense agencies**

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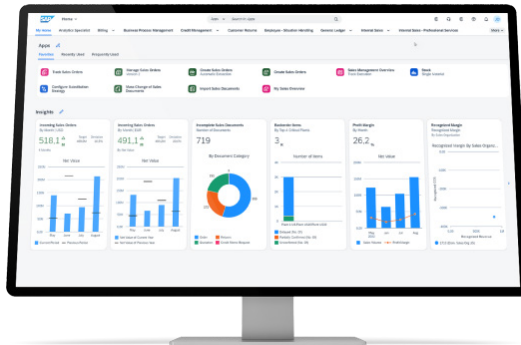
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# Understanding how SAP NS2 deploys solutions with your security standards in mind

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

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

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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 operations through local deployment, infrastructure, and data residency practices

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

## Local deployment of your cloud portfolio.

Your solutions are deployed on U.S.-based cloud infrastructure dedicated to handling regulated workloads. Our in-country infrastructure providers adhere to the residency regulations put in place by the U.S. government.

## Operations protected to U.S. standards.

To meet the industry standards of A&D organizations, we utilize dedicated U.S. resources, and all solutions are hosted in an environment that is ITAR-compliant and follows FedRAMP® Controls.

## Innovation dedicated to the A&D industry.

Be empowered to become an intelligent, sustainable enterprise by bringing together our comprehensive portfolio of solutions and technology to support your business processes. Our cloud portfolio encompasses data management, supply chain operations, and more.

## Adherence to industry-specific security regulations.

- Adherence to International Traffic and Arms Regulations (ITAR) ensures you can control the export of defense and military related technologies
- FedRAMP® Controls allow you to support DoD and Federal Agencies
- Compliant with Defense Federal Acquisition Regulation Supplement (DFARS) 252.204-7012

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

We understand that A&D 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.
- Our compliance to DFARS 252.204-7012 and 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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