

SAP NS2 Solution Brief | PUBLIC

SAP Business Network Asset Collaboration delivered through the SAP NS2 Secure Cloud

# SAP Business Network Asset Collaboration at SAP NS2



# 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. sovereign cloud deployment arm of SAP, we provide the unique capability for customers in regulated industries, government agencies, and defense departments to run market leading SAP applications without sacrificing 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.

# Asset Maintenance challenges for Regulated Industries

**Lack of innovation to securely meet demands of customer landscapes.** Asset management is undergoing a massive transformation fueled by advancements in data availability and accessibility, process automation, and connected trading partners. Whether you're an asset operator, OEM, or service provider, you must analyze vast volumes of data intelligence to make quick, smart decisions and help ensure resilient, effective operations.

**Cloud solution providers unable to address varying needs across a business.** Regulated industries manage and maintain infrastructure and assets that are crucial to U.S. national security. Due to the critical nature of the information related to these assets, they must adhere to strict, government-enforced security guidelines when hosting and analyzing data in a cloud-based environment. Our customers need a solution that provides the ability to collaborate with business partners and securely transmit asset data across their network. To adopt a cloud-first strategy, regulated industries are looking for a solution that provides an all-encompassing experience with innovation, security, and compliance.

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## **Asset Maintenance Challenges for Regulated Industries**

SAP Business Network Asset Collaboration deployed through SAP NS2

Drive resiliency with the power of SAP NS2's secure cloud deployment

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

# SAP Business Network Asset Collaboration deployed through SAP NS2

At SAP NS2, we know that innovation fails without security. The SAP Business Network Asset Collaboration solution at SAP NS2 provides a pathway for our government customers to adopt the innovation, cost-savings, and accessibility of SAP's cloud offerings.

SAP Business Network Asset Collaboration is a comprehensive, cloud-based solution. It enables capabilities that benefit regulated industries and their ecosystem partners throughout the entire asset lifecycle.

Asset operators can enhance equipment effectiveness by building a data foundation for collaborative asset definition, electronic data handover, and consistent work order visibility. OEMs benefit from the opportunity to innovate traditional and digital business models with real-time insight into their installed-base asset experience. Even service providers can gain transparency and collaboration to consistently deliver exceptional service – all while reducing costs, keeping MRO inventories low, minimizing wrench time, and avoiding human errors, noncompliance, and productivity loss.

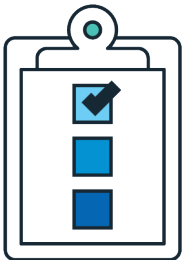
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## Key Benefits:

- Securely collaborate across the network of OEMs, asset operators and service providers
- Build central asset repository in the cloud without unnecessary global transmission of asset data through in-country cloud hosting and support
- Protect mission critical data, such as asset location and usage, by deploying in an environment secured with NIST 800-53 standards and compliance to ITAR regulations

# Drive resiliency with the power of SAP NS2's secure cloud deployment

**Localized protection of critical data.** Your SAP Business Network Asset Collaboration solution is deployed within SAP NS2's Commercial Regulated Environment (CRE). This secure cloud enclave provides an end-to-end protection model, ensuring all resources, data, and internal operations comply with U.S. regulations to safeguard supply chain locations, products, and parts.

**In-country deployment and data residency.** Adopt the advanced capabilities of the SAP Business Network Asset Collaboration with confidence through independent, third-party attested cloud infrastructure located within the U.S. This dramatically mitigates the risks of international data exposure and prevents bad actors from accessing systems.

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

- International Traffic in Arms Regulation (ITAR)
- National Institute of Standards and Technology (NIST) 800-53
- DFARS 252.204-7012 Compliance
- Federal Risk and Authorization Management Program (FedRAMP®) Controls

## **At SAP NS2, we understand and help overcome the challenges of:**

- No common asset definition
- No enterprise-wide collaboration
- Lack of readiness and completeness
- Silos across supply chain

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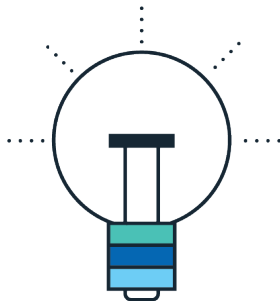
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# Why SAP National Security Services: Secure. Local. Sovereign.

Every organization faces different threats and has unique compliance requirements around cloud security. SAP NS2 deploys SAP's asset collaboration solution with a security model that meets and exceeds these challenges.

The innovation, functionality, and services of SAP Business Network Asset Collaboration meets the same standard as SAP Commercial, but SAP NS2 brings extended security regarding how the solution is protected and managed.



- Our U.S. government cloud environment leverages tools such as vulnerability scanning, intrusion detection, and continuous monitoring to help ensure your applications stay protected under an automated, all-encompassing security model.
- We mitigate the risk of external threats by protecting system management, in-country deployment, and leveraging an enterprise strategy to control the data and resource access within your region.
- Benefit from a dedicated team of SAP NS2 security experts who have deep industry knowledge of cloud business drivers and unique industry needs.

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