HITACHI
Inspire the Next

Digital infrastructure for world-class geospatial intelligence.

Powering the data-driven missions of the National Geospatial-Intelligence Agency.

The National Geospatial-Intelligence Agency uses the power of data to provide decisive advantages to stakeholders – from leadership in central command to agents or warfighters in the field. But to make sure the right data is available to the right people at the right time (all the time) requires an incredibly complex ecosystem of digital infrastructure powering these mission-critical insights.

Meet Hitachi Vantara Federal

Hitachi Vantara Federal is the trusted leader in mission-centric data solutions for the United States federal government.

As a FOCI-mitigated Hitachi subsidiary, we securely deliver and support transformative digital solutions. Our comprehensive range of hybrid cloud and data fabric solutions advance federal missions at all data maturity levels.

We provide dedicated 24x7x365 Tier 1 Support and hold a TS Facility clearance, and are trusted by all U.S. Armed Forces and Cabinet Agencies.

We work hand-in-hand with our federal customers to support programs at all levels of classification, from pre-sales architecting through the lifecycle of your solution.

Simplify and modernize data infrastructure.

In an increasingly complex multi-cloud data ecosystem, modernization means enhancing simplicity as well as performance. Hitachi Vantara Federal's next-generation storage solution, Hitachi Virtual Storage Platform One, is an all-in one hybrid cloud data platform powers infrastructure, data and apps without constraints. This platform is designed to simplify the complex landscape of data storage, enabling organizations to consume and manage structured and unstructured data across a distributed hybrid environment across on premises and public cloud environments seamlessly.

Offering a unified data plane that efficiently manages storage across diverse environments, Virtual Storage Platform One stands out by enabling organizations to focus on their core objectives with a unified data plane. It empowers them to develop innovative hybrid multicloud solutions, while simplifying administration and reducing overhead.

Power your GPU-accelerated workloads.

Next-generation AI/ML algorithms leveraging GPU acceleration require storage, compute and networking that can keep up with the demand for data. To address these evolving needs, Hitachi has partnered with Nvidia to architect an industry-optimized AI solution suite for organization investing in AI/ML workloads: Hitachi iQ. Solving for infrastructure, we've combined the best in market offerings from NVIDIA with our award winning high performance parallel file system, Hitachi Content Software for File (HCSF). This combination provides the fastest time to insight by accelerating GPU workloads by over 20x. This, combined with our object storage platform Hitachi Content Platform (HCP), provides best-in-class economics for AI platforms, especially at scale.

Hitachi iQ allows organizations to automate and accelerate their operations through intelligent, performant, scalable and flexible GenAI, solutions and services in a hybrid cloud environment. Unlike other approaches on the market today, Hitachi iQ goes beyond basic integration and testing by layering industry specific capabilities on top of the AI solution stack, so outcomes can be more specific and relevant to an organization's mission needs: such as geospatial intelligence.

Accelerate data delivery to the edge.

Agents and warfighters at the mission edge rely on geospatial intelligence to understand threats, inform strategies, and guide tactical decisions. Secure enterprise edge file services bridge data availability from the cloud to the mission edge, enabling this uninterrupted access to mission critical data.

Hitachi Vantara Federal's Hitachi Content Platform Anywhere Enterprise (HCP Anywhere Enterprise) provides a platform-centric approach to cloud file services and provides unique capabilities in managing distributed infrastructure, provisioning resources, automating controls and aggregating several applications into a standard services framework. We are enabling federal agencies to deploy modern content collaboration and data protection solutions, in a plug-and-play cloud-based object storage system for a fraction of the cost of competitors – offering flexibility over deployments while ensuring the highest data privacy and encryption levels. It enables users to better understand, govern and control the degree of mobility of their data, as well as to identify insights and extract value for their data-driven decisions and generate mission-critical insights, faster.

Architect a data mesh for the future.

The integration of next-generation AI, ML and big data technologies depends on an agency's ability to architect a data mesh for performant data labelling, test and evaluation capabilities, scalability, and interoperability.

A decentralized data ownership framework offers a solution to the ongoing demand for defense and intelligence agencies to collaborate across domains and dimensions for holistic, quality, and trusted data-driven insights.

Hitachi Vantara Federal brings mission-centric data mesh capabilities to government agencies through our Pentaho+ DataOps platform. With components each addressing data integration, data analytics, data cataloging, and data storage optimization, we help agencies accelerate the quality and trust of their mission data for overall improved data fitness. Additionally, our Hitachi Content Intelligence solution unlocks the power of agencies' unstructured data through intelligent metadata management, improving data discovery and value. Each of these capabilities are deemend awardable by the US Department of Defense's CDAO Tradewinds marketplace.

Hitachi Vantara Federal

HVF-PAL-OV-GEOINT-Digital-Infrastructure-17Apr24-A