

# Securing the future. Forging tomorrow's defense, today.

End-to-end capabilities support, protect and enable mission-critical services and defense operations, from factory to frontline





# Infrastructure that can handle the pressure — and the pace

**Production rates for many defense manufacturing organizations, especially in Europe, are falling short of requirements. Geopolitical tensions, supply disruptions and strict data sovereignty rules can put critical programs at risk. Talent shortages and bureaucratic barriers are adding to the challenge, creating additional pressure to modernize infrastructure and secure data flows.**

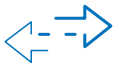
To coordinate production, share intelligence and deliver mission-ready assets on time, the industry needs secure access to real-time data across diverse platforms and domains.

NTT DATA has the experience and expertise to move you away from legacy constraints so you can leverage sovereign, secure and interoperable solutions that are easy to deploy and scale. By connecting your systems on a secure, adaptable digital backbone, we give you a foundation for fast, resilient production and enable you to sustain technological superiority in a volatile world.



# Mission-ready capabilities, from factory to frontline

**With our end-to-end, full-stack capabilities, your organization will be able to innovate faster, securely and at scale. This will help you achieve operational advantage in five key areas.**



## **1. Accelerate the speed of defense-grade production**

Amid rising geopolitical tensions and new security risks, defense organizations must be ready to respond to new demands with even greater agility. Speed is of the essence. You can unlock this speed across production and manufacturing with real-time, AI-driven data insights together with intelligent supply-chain management systems.

This will help your organization move from hardware- to software-defined production, with consistent, resilient coordination across supply and delivery.

As a result, you can operate at mission-critical speed, to keep pace with changing threats.







## 2. Enabling digital sovereignty with secure critical IT infrastructure

Safeguarding critical information sharing across national and international boundaries is essential for the defense industry. With secure, sovereign cloud and data centers, with supported by a dedicated IP backbone, you can maintain for traceable and compliant data flows within national borders.

This approach gives you true data autonomy and digital independence, built on robust, intelligent infrastructure at every layer of your ecosystem. As a result, you can manage your digital assets with confidence and ensure your critical information remains secure and sovereign.



## 3. Outmatching cyberthreats with robust cybersecurity and zero trust architecture

The threat landscape continues to evolve at speed at every level. It is vital to embed advanced cybersecurity into every layer of your operations. We help you continuously adapt to the dynamic threat landscape and protect your assets with AI-powered, zero trust architecture.

With managed threat intelligence and adaptive security, you can safeguard critical military systems assets across your entire supply chain ecosystem. Stay ahead of every threat with advanced risk-based encryption and readiness for post-quantum computing (PQC).







#### 4. Building resilience with infrastructure that performs under pressure

Our self-healing connected infrastructure goes beyond business continuity to support true business resilience. With AI-driven, secure private cloud, agile data center networks and incident automation, you can continue operating even under cyber escalation and extreme disruption.

Gain a powerful operational edge with advanced connectivity for mission-critical environments. We deliver private 5G for exceptionally reliable, high-bandwidth wireless capabilities, and Innovative Optical and Wireless Network (IOWN) networks that seamlessly integrate advanced optical and wireless technologies with satellite data. This allows you to recover faster, maintain responsiveness and keep your operations running without interruption.



#### 5. Laying the AI-powered foundations to turn data into your operational advantage

Innovation in defense and space engineering must move from concept to deployment quickly and reliably. By connecting design and production under an AI-enabled operating model, you can bring new solutions to market faster.

AI-powered development improves throughput from new design and engineering concepts to production. With the speed, efficiency and reliability of the most advanced AI-first software development, you can build for interoperability and the rapid deployment of assets to the frontline.

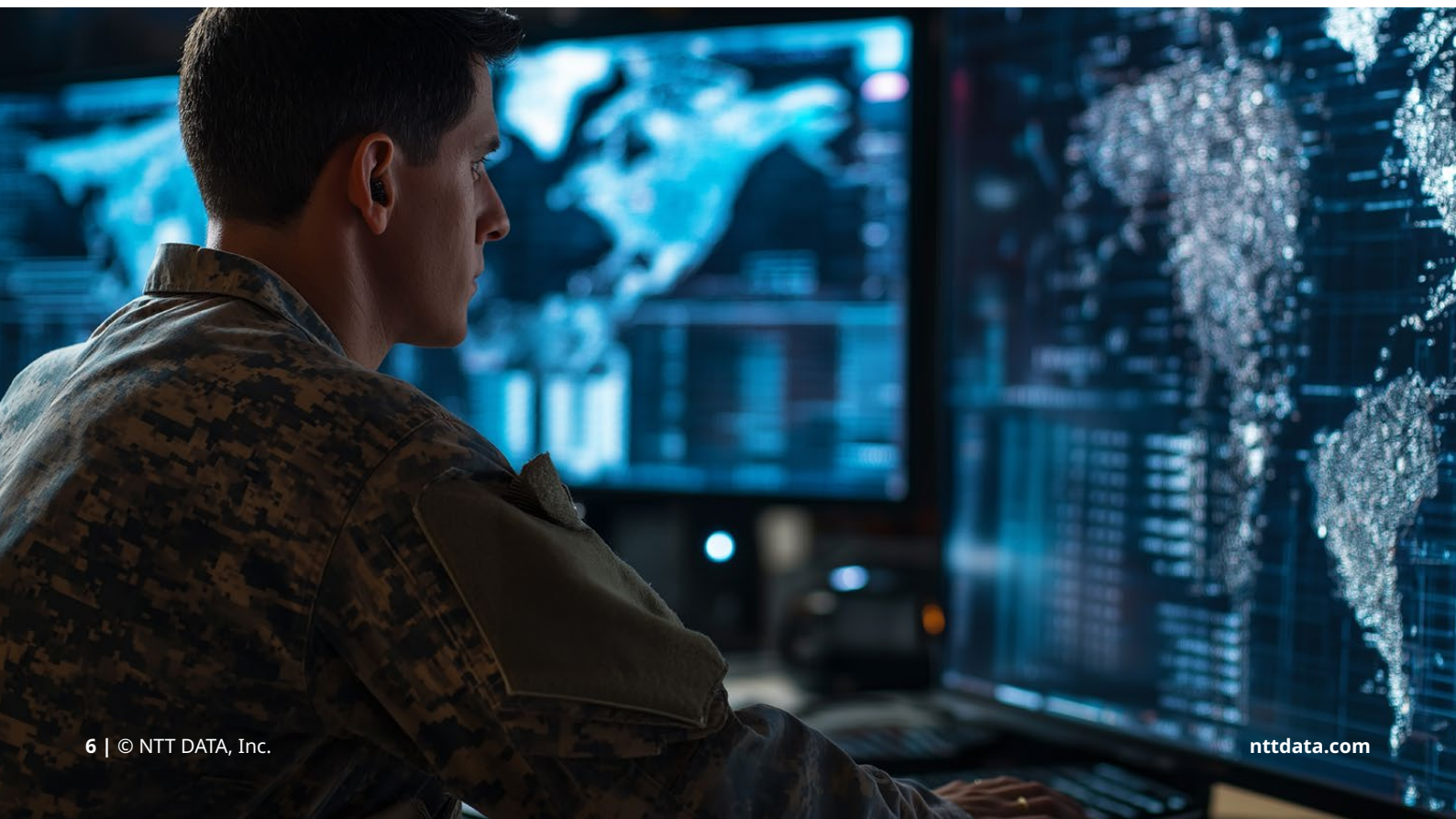
# Your dedicated partner for innovating without disruption and manufacturing without limit

**A partnership with NTT DATA is designed to meet the exacting needs of your organization. Our industry experience is underpinned by technological expertise and strategic partnerships which enable you to establish data sovereignty, full-stack integration and platform-driven innovation. We help organizations operating the defense sector to modernize, secure and scale operations with confidence, no matter how complex their mission-critical requirements may be.**

## **Data sovereignty isn't optional; it's an operational requirement.**

NTT DATA gives you complete control over your data. Our global IP backbone ensures sensitive information stays within your chosen region or nation. This is made possible by our cloud-neutral, fully auditable and intelligent infrastructure, including AI-ready data centers in Europe.

Our data-first digital backbone is among the largest in the world. This means you can meet the strictest requirements for data sovereignty, accessibility and compliance to support the connected frontline and defense manufacturing stack.





# Real-time data clears airport operations for take off

**We helped Fraport AG implement a private 5G network that connects all 2,500 hectares of Frankfurt Airport and creates the opportunity to optimize airport operations through innovative use cases.**

## Unmatched full-stack partnership and ecosystem enablement

We are one of the world's truly end-to-end transformation partners, offering a single, seamless service across cloud, security, networking and collaboration.

We have over 50 years of enterprise technology leadership, and we operate with the discretion your organization requires. Our deep relationships across the defense technology landscape — including contractors, networking and cloud security — uniquely position us to support Germany's defense manufacturers' digitalization agenda in line with EU sovereignty and NATO interoperability requirements. Our self-healing infrastructure, AI operations and incident automation ensure business continuity, even under cyber escalation and extreme disruption.

“ We're already testing different new technologies for activities on the airfield. The implementation of the private 5G network is the most important step for that future.”

**Anke Giesen**

Member of the Executive Board and Executive Director Retail and Real Estate at Fraport



## Helping the USAF modernize at mission speed

Through a Defense and Intelligence partnership spanning nearly 20 years, the USAF and NTT DATA modernized software development methods, replatformed a complex proprietary system and pivoted a mission-critical enterprise logistics platform to the USAF cloud.

**\$18B**

in inventory supported for  
100,000 users worldwide

**\$25M**

saved annually on  
hosting costs

### Leading innovators in a platform-first approach to infrastructure transformation

NTT DATA is part of NTT Group, which invests over \$3 billion annually in R&D, fueling innovation in areas such as AI-driven manufacturing acceleration, digital twins, AssemblyX, enhanced operator onboarding and intelligent supply chain orchestration. We pass the outcomes directly on to you, to meet the rapid capability deployment needs. You gain standardized, repeatable and composable assets and frameworks to future-proof your IT infrastructure.

We embed over 1,000 AI agents to help you optimize performance, security and cost in real time. This means you have cutting-edge innovation at your fingertips — to automate issue resolution or deliver actionable in-field insights in real time — accelerating your production at mission speed.





## Network automation enables intelligent decision-making for BMW Group

**Our partnership gives BMW Group the peace of mind that their network and server infrastructure is in good hands. Across 40,000 network devices, 260,000 ports and 30,000 servers, we have exceeded service quality expectations, enhanced operational stability, and have contributed to ongoing innovation.**

“Ensuring a reliable network and server infrastructure is crucial for us. So, relying on highly experienced and competent IT service providers is nonnegotiable. NTT DATA fits the bill perfectly.”

**BMW Group**

### Global capabilities with a local presence to help you scale anywhere

You can rely on our 48,000 team members operating in 70 delivery centers. Our global network manages 6 million assets for 6,000 clients across 5 continents, and we offer support in 20 languages. We have the people and the expertise to support you from design to real-time integration in the field.

### Industry recognition

- NTT DATA is a Leader in the Gartner® Magic Quadrant™ Global Wide Area Network (WAN) Services 2025[1]
- NTT DATA is a Leader in the Gartner® Magic Quadrant™ for Managed Network Services 2024[2]



[1] Gartner, [full title], [author name, surname], [date dd mmmm yyyy]

[2] Gartner, Magic Quadrant for Managed Network Services, By Ted Corbett, Nauman Raja, Jon Dressel, Lisa Pierce, Karen Brown, Danellie Young, 14 October 2024.

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# Modernize and secure strategic production and infrastructure

**We are your trusted strategic partner in transforming defense engineering and modernizing secure, resilient production and infrastructure.**



## **Scalable, future-ready infrastructure modernization**

- Advanced connectivity and modernized digital infrastructure, backed by engineering and logistics support, maintains agility and enables innovation
- Private 5G and IoT with proactive monitoring for establishing and evolving smart military bases



## **AI and machine learning for defense innovation**

- AI-powered data analytics in areas such as predictive maintenance for better decision-making across asset lifecycles
- Gen AI-optimized supply chain orchestration with intelligent automation for improved efficiency and faster production cycles



## **Mission-ready cloud computing and sovereign data management**

- Secure, private clouds for storing and processing classified military data in a highly protected yet accessible environment
- Robust IP backbone and data centers for critical operations, supported by confidential computing and key management for data integrity



## **Digital-twin and simulation technologies**

- Real-time simulation technology to optimize the performance and longevity of defense assets
- 5G, IoT and IOWN next-generation networks to support high-performance, low-latency proactive monitoring and remediation



## **Reinforced cybersecurity and threat intelligence**


- Advanced, encrypted zero trust architecture for traceable and auditable data flows that meet NATO, BSI and General Data Protection Regulation (GDPR) standards
- Satellite intelligence processing for system-of-systems integration that provides high-resolution, high-frequency and highly secure geospatial data acquisition



## **Agile supply chain, powered by blended AI**

- Navigate uncertainties while improving efficiency and agility with blended AI adoption
- Streamline processes, organizational models and technical capabilities that enable rapid response to multiple disruptions





# From factory to frontline: Accelerating defense innovation.

## NTT DATA delivers more than just technology.

We work with you to scale production, modernize securely and innovate with confidence. We enable you to upscale production, innovate and transform. Our global reach, local expertise and commitment to infrastructure innovation are valued and recognized by leaders in defense, airspace and manufacturing worldwide.

With a track record of large-scale modernization and a focus on future-ready solutions, we understand the complexity and criticality of your mission.

From factory to frontline, we stand ready to help you meet the demands of a rapidly changing defense environment. You can count on us to help you establish operational readiness and agility through cloud-neutral, data sovereign and AI-powered technologies — designed for speed, resilience and trust at every level.

## To find out more, visit [nttdata.com](https://nttdata.com)

NTT DATA is a global innovator of digital business and technology services, helping clients innovate, optimize and transform for success. As a Global Top Employer, we have experts in more than 70 countries and a robust partner ecosystem. NTT DATA is part of NTT Group.

