

# NTT DATA is unique in its ability to deliver success. What sets us apart?

Recognized as a global leader in generative Al services and guiding the industry with landmark insight

Through our Global GenAl Office, Al Center of Excellence, 7 Innovation Centers and nearly 200,000 skilled professionals - including 15.000 data and Al experts - in 50 countries, our clients have benefited from 50% faster application modernization

with our GenAl coding solutions, 30% savings when scaling solutions on our GenAl platform solutions and 320% ROI when implementing Copilot adoption programs.





Global, multidisciplinary expertise with localized delivery



Full-stack transformation portfolio and end-to-end capabilities



Demonstrable impact and benefit



R&D heritage and ongoing dedication to innovation





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# Our differentiation: Why NTT DATA?

NTT DATA offers comprehensive GenAl services for implementing industry-specific use cases.



**End-to-end value:** Guiding clients through all phases of GenAl transformation from strategy to implementation



**Innovation:** Advancing GenAl research and building next-generation photonic data centers



**Full-stack solutions:** Offering data sovereignty, security and various commercial models



**Partner network:** Collaborating with hyperscalers and high-performance computing manufacturers



**Industry solutions:** Addressing core challenges across industry-specific value chains



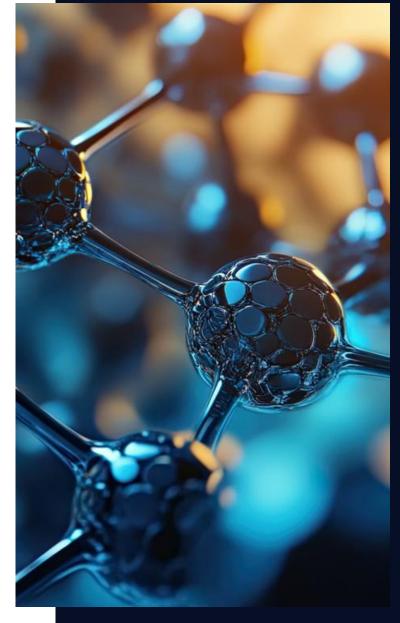
**Talent combination:** Cross-functional teams with industry and GenAl expertise



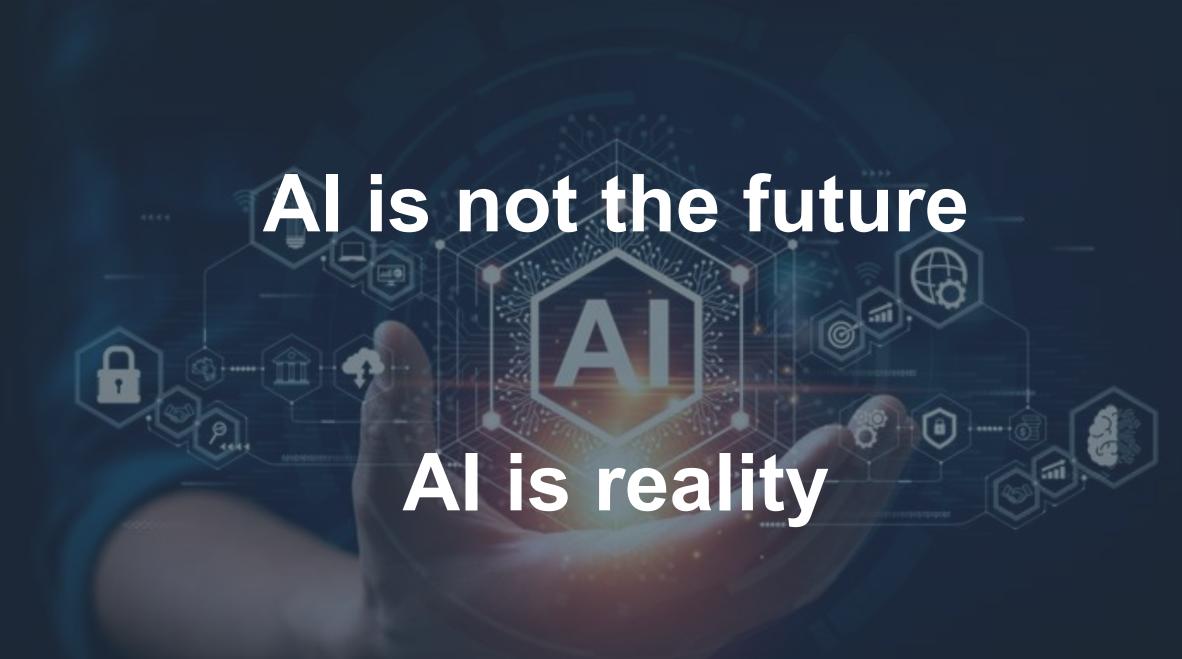
**Proven assets:** Delivering scalable, efficient and tailored GenAl solutions



**Global scale:** Providing global coverage and talent sourcing for scalable delivery







# Top challenges faced by enterprises in GenAI adoption



#### Lack of strategy

Lack of strategic vision and roadmap detailing the solutions and resources needed to deliver business value



#### Time to value

Lack of use case prioritization approach and standard ROI model results in unclear investment priorities



#### Complexity in scaling

**Complexity** around model fine-tuning and lack of curated use cases slow down deployment, increasing timelines and cost



#### Security and responsibility

Data security and privacy, IP infringement concerns, coupled with quality of output concerning erroneous facts and hallucinations



#### Too many choices

Thousands of public Al and open-source private Al models make it difficult to choose the right platform and model that is future-proofed for their requirements



Challenges faced by enterprises depend on the phase of the Al journey they are currently in.







# **Cybersecurity for AI**

Services to secure customer developed systems

## Cybersecurity with AI

• Included in cybersecurity products

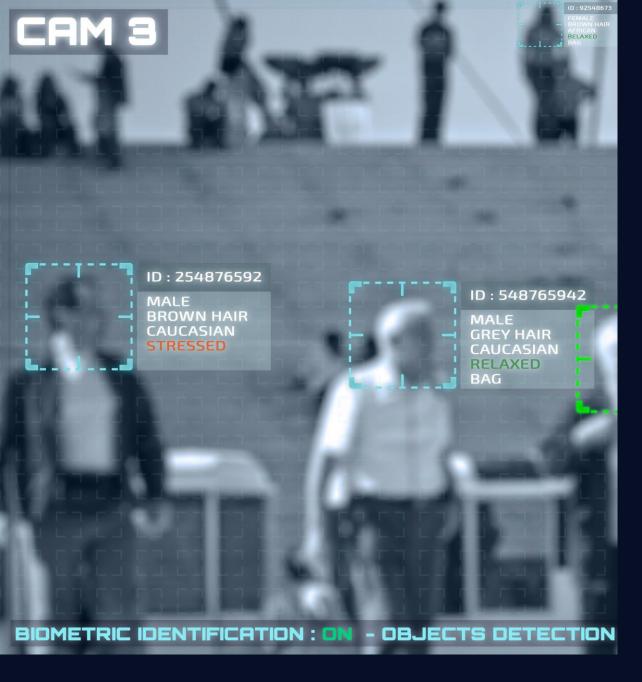




### Main Problems of AI Usage?

- Data Leakage: Sensitive or confidential data may be exposed when entered into public AI models.
- Loss of Control: Once submitted, data can be stored, reused, or shared beyond the organization's control.
- Shadow Al Use: Employees using unsanctioned Al tools create unmonitored data flows.
- Compliance Violations: Uncontrolled data transfer to third-party Al platforms risks breaching GDPR, HIPAA, or internal data policies.
- Inconsistent Security Posture: Public Al services may not align with enterprise-grade security or audit requirements.





# How to protect your AI assets

#### AI model security

- Ensure model integrity and prevent shadow logic
- Ensure validity of pretrained models
- Gain insights into model vulnerabilities

#### Detection & Response

- Continuous monitoring of input and output of Al algorithms
- Prevent attacks to hijack or manipulate behavior

#### Al Assets are

- not secured and
- models are not trusted

by default

https://atlas.mitre.org/matrices/ATLAS



# NTT DATA's Security for AI

Accelerate AI adoption and innovation safely and manage risks effectively with our comprehensive Security for AI services

Our full-stack and full lifecycle managed services

Al Risk and Compliance Service

Al Protection Service

Al Assurance Service

Ensure regulatory compliance and mitigate risks in AI systems throughout their lifecycle Safeguard AI workloads and data with advanced security measures and threat detection Guarantee the reliability and integrity of AI solutions through rigorous security validation and monitoring

- Al Risk Assessment
- Al controls mapping and validation
- Al asset discovery and shadow Al
- Al guardrails
- Al model, data and app security
- Al threat modeling
- Al vulnerability assessment
- Al red team/offensive security

Protection covering every layer of Al systems, from models, data and infrastructure to applications and user interactions, ensuring security and compliance throughout development, deployment and ongoing usage.

#### Value differentiators

- Security for AI center of excellence
- NTT DATA Compliance Acceleration Platform
- Al red teaming

#### **Services**

- Readiness engagement
- Implementation services
- Managed support









Services to secure customer developed systems



# **Cybersecurity with AI**

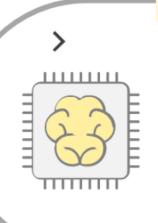
• Included in cybersecurity products



# Increase efficiency with AI in security operations



**Assisted SOC** 

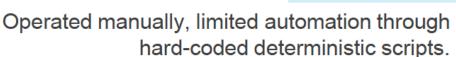


Automation with basic rule-based workflows to automate repetitive tasks.

Hyper-automated SOCs that combine ML, RPA, and orchestration for end-to-end automation.

AI/ML speeds up research on Indicators of Compromise (IoC), Indicators of Attack (IoA), and Tactics, Techniques, and Procedures (TTPs) and provides contextual insights.

#### **Manual SOC**



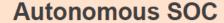


Overwhelmed workforce.





# AI Powered SOC





Al independently assesses threats, makes decisions, and executes responses.

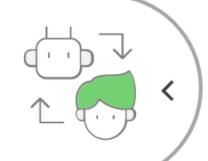
Minimal human intervention.

Human oversight for ethical considerations, focusing on strategic initiatives.

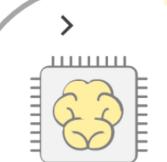
#### **Semi-autonomous SOC**

Al drives most of the tasks on behalf of the analysts, handles predefined workflows.

Human oversight retained for critical decisions, balancing automation and expertise.







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# Cybersecurity with AI





Natural language interface



Advanced data analytics in real time



Zero day threat detection



Usecase/Playbook optimization and reduction of false positive alerts



Advanced phishing detection



Shadow data detection (hidden or unexpected data activities)





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