

# Our Secret to Accelerating Enterprise Innovation

NTT DATA

SNAPSHOT | NTT DATA Nucleus Intelligent Enterprise Platform



## Why Nucleus?



You're committing to more complex business processes to improve productivity and resource optimization. Unfortunately, this complexity is harder to manage and easier to break when using manual, siloed and disparate methods.

NTT DATA Nucleus automates individual outcomes, and synchronizes change across groups. Nucleus seamlessly unites tools, technologies and processes with cloud-based hyperautomation to accelerate innovation.

01



Organizations devising increasingly complex business processes

02

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Nucleus hyperautomation unifies cross-organization processes and accelerates innovation

03

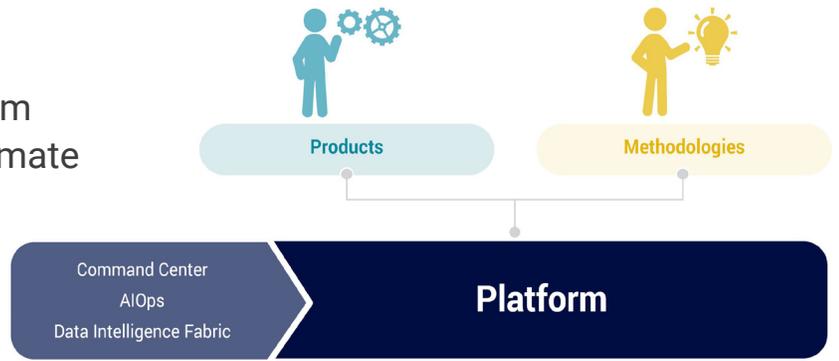


Cloud-based platform simplifies integrations, management and services

## What is Nucleus?

Nucleus is NTT DATA's collection of software products, cloud-based platform and methodologies assembled to automate our clients' outcomes:

- 50 million transactions automated in 2022
- Performing work of 6,000 people



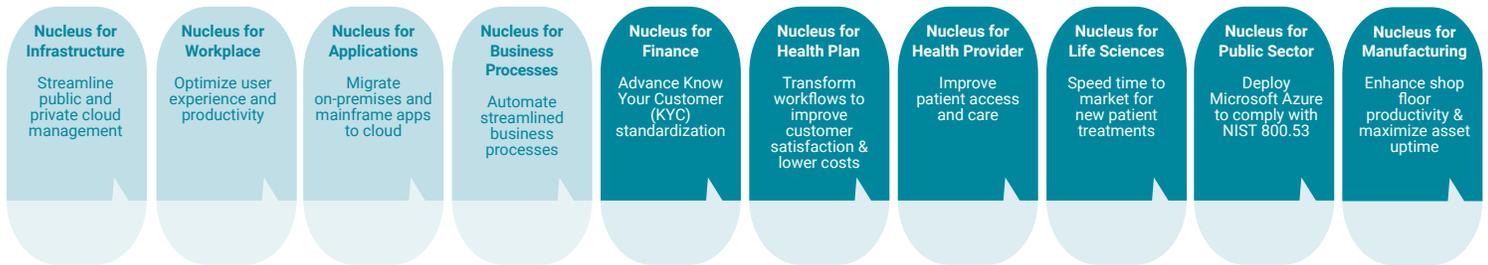
## Platform

The Nucleus Platform integrates complementary NTT DATA services. The platform consists of **three** components:

1. **Nucleus Command Center** unifies and secures user access to command-and-control consoles of Nucleus products
2. **Nucleus AIOps** analyzes your organization's system health and performance to identify hidden anomalies and recommend operational improvements
3. **Nucleus Data Intelligence Fabric** automates data ingestion, integration, quality control, governance, security and standardization

## Products

Nucleus products, coupled with third-party tools, automate hundreds of horizontal- and industry-specific use cases.



Our horizontal use cases cover cloud transformation, digital workplace, application development and modernization, and business processes.

Industry-specific use cases cover finance, health plan, health provider, life sciences, public sector and manufacturing.

## Methodologies

|   |  |  |
|---|--|--|
| <b>Infrastructure services</b><br><br>     | Streamline management of public and private clouds, servers and networking devices             | <b>Use open APIs</b> to integrate components from separate vendors in a standardized manner, creating faster inter-application communication.                                      |
|   |  | <b>Leverage a composable self-service catalog</b> to seamlessly represent infrastructure as code, delivering workflows and outcomes quickly and cost-effectively.                  |
|   |  | <b>Adopt policy-driven governance capabilities</b> to convert business policies into code, triggering automated remediation actions when needed.                                   |
| <b>Workplace services</b><br><br>          | Optimize the employee experience at work   | <b>Use open APIs</b> to integrate components from separate vendors in a standardized manner, creating faster inter-application communication.                                      |
|   |  | <b>Collect and analyze data from across devices and applications</b> to form a holistic view of user experiences and uncover business-valuable insights that transform operations. |
|   |  | <b>Enforce cross-domain governance</b> to visualize data analytics more easily, automatically triaging the highest-priority alerts and optimizing resources.                       |
| <b>Application services</b><br><br>      | Modernize applications with new platforms, code and architecture, and manage in-life workflows | <b>Drive technology choices based on business objectives</b> with continuous alignment and neutrality, matching client needs with the best vendor, product and services.           |
|   |  | <b>Automate code analysis</b> to flag potential blockers and automate development, raising the probability of successful application modernization.                                |
|   |  | <b>Operationalize performance data</b> by folding application data into a unified data fabric, accelerating analysis and insight extraction.                                       |
|   |  | <b>Decompose application development</b> by segmenting deliverables, prioritizing business needs, and iterating delivery schedules with frequent and regular check ins.            |
| <b>Business process services</b><br><br> | Streamline business processes and decision making  | <b>Secure and scale data pipelines</b> to adopt solutions to varying capacity and volume demands, avoiding productivity bottlenecks.   |
|   |  | <b>Benefit from integrated management and execution</b> to re-allocate time from basic system integration to value-creating integration.   |
|   |  | <b>Enforce cross-domain governance</b> to visualize data analytics more easily, automatically triaging the highest-priority alerts and optimizing resources.                       |

Visit [Nucleus Intelligent Enterprise Platform](#) to learn more.

NTT DATA Services is a recognized leader in IT and business services headquartered in Texas. A global division of NTT DATA – a part of NTT Group – we use consulting and deep industry expertise to help clients accelerate and sustain value throughout their digital journeys.