NTT DATA
Trusted Global Innovator

MANUFACTURING SAP LEAP

LARGE ENTERPRISE ACCELERATION PROGRAM
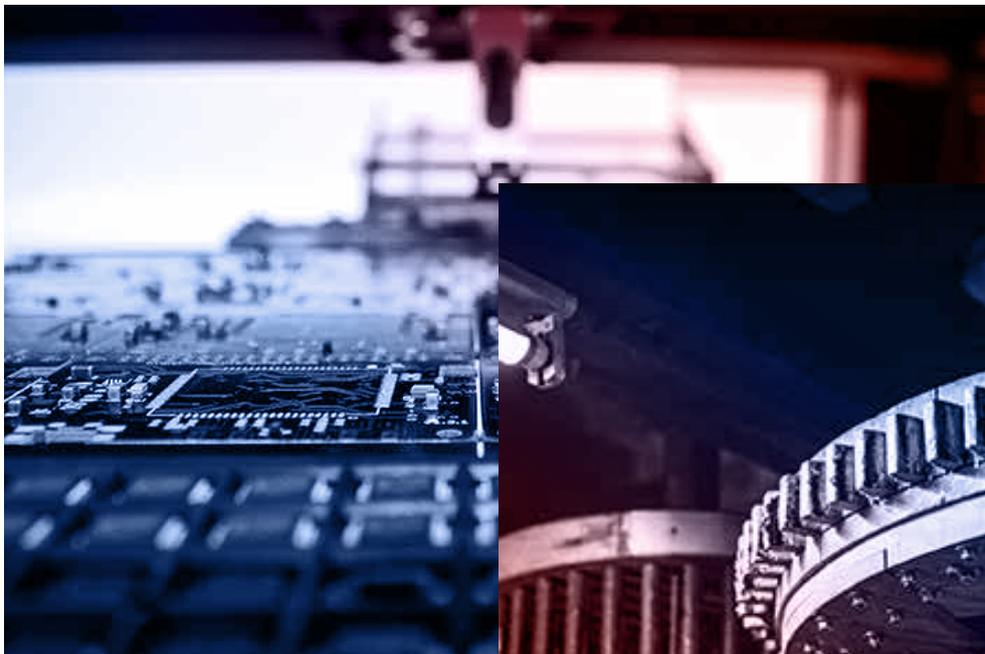
SAP
Global Partner

AT A GLANCE

NTT DATA helps manufacturing companies effectively use digital technologies to evolve and transform their operations, products and markets. We combine a global team-based approach to innovation and project delivery with strong local capabilities, so enabling manufacturing companies to most effectively leverage our systems integration skills and sector-specific solutions for the manufacturing industry based on SAP software platforms and other advanced technologies.

INDUSTRY CHALLENGES

- **Hypercustomization**
  To achieve **higher levels of customization** in manufacturing processes will require new attitudes and a substantial re-engineering of supply chains and factory processes.

- **Localization**
  More **localized manufacturing** promises greater flexibility and proximity to markets but creates challenges for manufacturers with a centralized production model.

- **Product as a Service**
  The **Product as a Service** model helps manufacturers monetize customers' desire to use rather than own products outright, but it also disrupts traditional value chains.
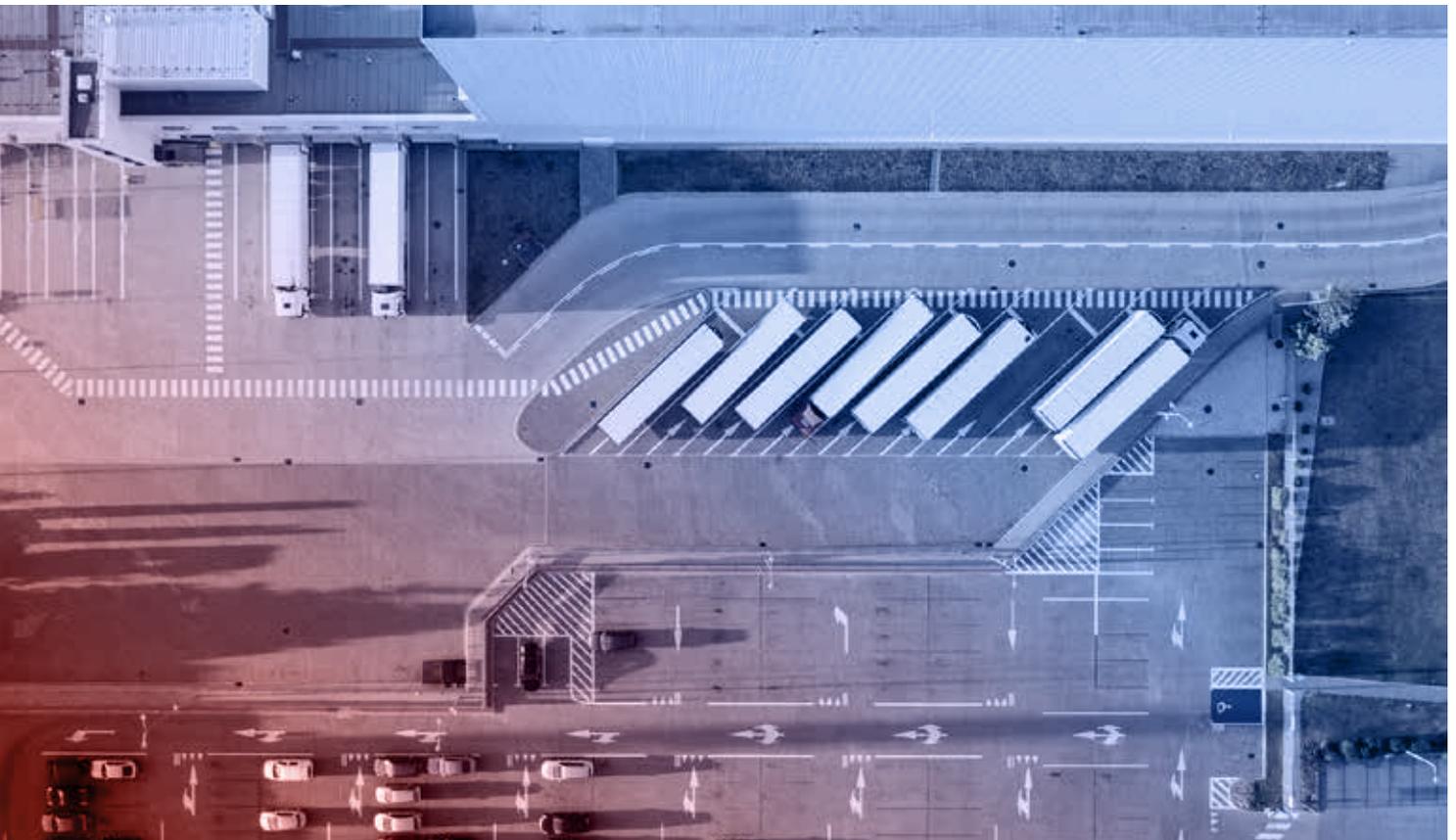
ENABLING CHANGE

The **transformation of manufacturing** will see production assets communicate with other machines, sensors and IT systems in the Industrial Internet of Things (IIoT). Smarter factories will enable much production to be done autonomously with human interactions increasingly done online.

AI-driven systems will manage smart factories and IIoT, handling complex interactions between production units, automating and integrating business processes, predicting when machines need to be repaired, allowing robots to work safely alongside humans on assembly lines, and identifying defects in QA processes.

As digital technologies are integrated in a growing range of capital and consumer goods, more of the lifetime value shifts to downstream services. To capture more of that value and **enhance customer service**, manufacturers will use customer-facing digital technologies to "flip the script" and offer new value propositions and business models.

The move to SAP S/4HANA should be the basic first step in the long-term **journey of change** that all large manufacturers must take. S/4HANA embeds designed-in flexibility into the heart of enterprise management systems, so reducing the technology burden and eliminating multiple interfaces, disjointed processes and islands of automation.

With a flexible, agile core in place, digitalization and transformation are made easier. Without it, manufacturers will struggle to evolve at the speed that today's fast-changing markets require and they risk being overtaken by nimbler new entrants.

WHY CHOOSE NTT DATA FOR YOUR SAP MANUFACTURING PROJECT

WE ARE EXPERTS IN MANUFACTURING

NTT DATA has worked with the manufacturing industry for 45 years and we have 15,000 professionals serving manufacturing clients. We understand the sector's challenges and the needs of large manufacturers, and we have considerable experience creating innovative solutions that deliver sustainable business value for manufacturing companies, so helping them achieve a competitive advantage.

To accompany manufacturing companies on their SAP S/4HANA journey, NTT DATA has a team dedicated to S/4HANA transformation and an S/4HANA Center of Excellence that establishes the most appropriate evolution strategy for companies that want to evolve to S/4HANA and other SAP solutions, platforms and technologies.

NTT DATA has developed a SAP Manufacturing template for S/4HANA and accelerators to help manufacturing companies overcome specific challenges and reduce time to value.

SAP GLOBAL STRATEGIC PARTNER

NTT DATA is a formidable force in SAP services with more than 20,000 SAP professionals, 2,700 SAP clients worldwide, 21 delivery centers and operations in 41 countries. It is a truly global organization committed to seamlessly working together with its clients to deliver SAP-centric projects that can be delivered at scale and across multiple locations.

Our solutions leverage our business-specific expertise and skillsets in SAP technologies but also in other digital technologies, such as AI and IoT, for example. NTT DATA has achieved the highest accolade awarded by SAP, Global Strategic Partner, which recognizes its ability to offer a wide range of best-in-class business consulting and solution implementation services in support of SAP technology.

THE NTT DATA DIFFERENCE

NTT DATA SAP S/4HANA MANUFACTURING TEMPLATE

- Fully customized SAP S/4HANA tsystem including all core areas such as Finance, Sourcing & Procurement, Manufacturing, Asset Management, Sales or Supply Chain.

- Includes more than 110 SAP Best-Practices.

- Includes manufacturing-relevant functionality like Accelerated Customer Returns, Sales Rebate Processing, Advanced Available-to-Promise, Advanced Credit Management, Lot fabrication or Predictive MRP (pMRP).

NTT DATA SAP MANUFACTURING ACCELERATORS

- **Digitize Maintenance**
  This accelerator helps manufacturers implement a predictive maintenance strategy using machine learning to predict when faults in production assets will occur based on the real-time analysis of sensor data, so avoiding unplanned downtime and optimizing maintenance operations.

- **Siemens Teamcenter S/4HANA Integration Framework**
  Siemens Teamcenter is a core solution for product lifecycle collaboration and product data management in the SAP software ecosystem for manufacturers. This Integration framework allows users to quickly integrate Teamcenter into their SAP software and it can run on any hyperscaler platform.

- **Analyze and Automate Payments using Fiori and RPA**
  Large manufacturers that do business globally face particular challenges when it comes to analyzing and automating payments efficiently. This accelerator combines SAP Fiori and Remote Process Automation to minimize the need for manual processing of payments and improve accounting accuracy.

SUMMARY BENEFITS

- Global team-based delivery for scale and innovation

- Localized capabilities for responsiveness and flexibility

- Deep sector experience

- Recognized as Strategic Partner by SAP

- Skilled multilingual and multitalented workforce

ABOUT NTT DATA

NTT DATA – a part of NTT Group – is a trusted global innovator of IT and business services headquartered in Tokyo. We help clients transform through consulting, industry solutions, business process services, IT modernization and managed services. NTT DATA enables clients, as well as society, to move confidently into the digital future. We are committed to our clients' long-term success and combine global reach with local client attention to serve them in over 50 countries. Visit us at nttdata.com

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