



Accelerating Ford's intelligent automotive transformation

Together, Cisco and NTT DATA will help Ford unlock new value chains, higher quality and future revenue opportunities.

Supporting Ford's transformation through digital innovation

Ford is pivoting fast as it adapts to the changes sweeping the automotive industry and its value chain. Hard choices have been made to balance investing in electric vehicles with a renewed focus on hybrid vehicles, alongside continuing innovation in core manufacturing and global operations.

To transform how it designs, builds and supports vehicles Ford is integrating new software, digital services and data-driven customer experiences across its portfolio.

As these moves accelerate, challenges persist. Profitability in EV programs remains elusive. Quality issues, recalls and warranty costs weigh on both reputation and financials. Slow software rollouts, legacy IT and a complex web of technology partners continue to hold back speed, integration and innovation.

Ford's priority must remain building world-class vehicles. Yet the demands of digital, data, AI, supply chain resilience and secure manufacturing are escalating, and no manufacturer can tackle them alone. The need for trusted partners and a strong ecosystem has never been greater.

This is where Cisco and NTT DATA can help. Together, we will underpin the modernization of Ford's core infrastructure, secure every layer of the enterprise and bring intelligence into every vehicle, factory and customer experience. With proven digital delivery at scale, sector-deep expertise and complementary capabilities, we can help decrease costs, raise quality, drive resilience and enable new revenue streams.

We strive to be more than just a delivery partner. We want to help Ford move quickly through change and strengthen its position as a technology-driven automotive leader.





Where Cisco and NTT DATA's combined strengths meet Ford's ambition

Ford's transformation demands more than vision. It requires delivery at scale against real pressures of quality, cost, resilience and speed. Our combined capabilities are a direct answer to Ford's priorities. Each is designed to help modernize, secure and innovate across the company's core business while building the foundation for the next era of mobility.

Together, Cisco and NTT DATA can deliver end-to-end solutions that match Ford's needs today and anticipate the needs of tomorrow.



Factory modernization and Fault-Managed Power (FMP)

Ford needs to modernize factories while reducing energy dependence, improving safety and enabling AI-driven production. Central to this is Fault-Managed Power (FMP), a breakthrough approach that converges power and data delivery into a single infrastructure. FMP enables AI at scale and powers entire plants more sustainably, reducing cost and energy dependence. This hub-and-spoke model for power systems can provide a blueprint for future factories that are safer, cheaper and more resilient.



AI-powered data centers and edge computing

Ford's ambition to integrate automation, robotics and AI into vehicles and plants requires infrastructure that is built to support intelligent workloads on-premise and at the edge. Cisco and NTT DATA have the requisite expertise in designing and deploying AI-ready and AI-powered data centers that can underpin intelligent automation, robotics, visual inspection systems and humanoid robotics. We'll meet Ford's preference for on-premise AI, combining robust data center infrastructure with FMP to maximize the return on AI investment. Our advanced edge solutions enable real-time anomaly detection, predictive maintenance and factory-wide automation.



Cybersecurity, zero trust and microsegmentation

As Ford connects vehicles, plants and supply chains, the attack surface grows — demanding security that is both comprehensive and adaptive. Our zero trust, secure-by-design architectures and lifecycle security services inherently defend against evolving threats. With AI-enabled global SecOps, microsegmentation and more, we provide the foundations for a comprehensive cyber protection 'dome' over Ford's operations — covering vehicles, plants, supply chains and data.



Research-led innovation

To stay ahead of a rapidly evolving market, Ford needs a partner who can help experiment with breakthrough technologies while reducing the risks of adoption. Cisco and NTT Research bring unmatched innovation capabilities across photonics, Innovative Optical and Wireless Network (IOWN) technology, quantum computing, AI and advanced networking. We can unlock new use cases for vehicles, plants and connected mobility. We do this by using a research-backed approach to de-risk innovation, shorten time to adoption and support a first-to-market approach.





Driving quality, efficiency and growth for Ford

With Cisco and NTT DATA, Ford gains a partner that unites IT, OT, AI and security to modernize operations, reduce risk and unlock growth opportunities.

Together, we can accelerate Ford's transformation and drive improvements in quality, efficiency, resilience and innovation by:



Reducing costs and increasing efficiency

Innovations such as Fault-Managed Power (FMP) can reduce the cost of power delivery and secure Ford's infrastructure to create a more streamlined, sustainable factory footprint. By shifting from capex to opex, Ford can enjoy greater financial agility, along with as-a-service solutions and off-book debt treatment to reduce complexity and technical debt.

AI-powered automation in manufacturing and customer engagement will create a genuine step change in efficiency. Intelligent agents in contact centers will reduce service costs and simplify customer experiences, while advanced robotics can boost throughput and improve precision across production lines. Together, these initiatives will support a leaner, more agile Ford with greater operational control and a lower total cost of ownership.



Elevating quality and protecting Ford's reputation

Modernizing Ford factories and embedding advanced AI tools across production lines helps identify and address defects before vehicles leave the plant. This will prevent costly recalls and strengthen confidence in the quality of Ford vehicles — especially for critical components such as transmissions and fuel injectors.

By harnessing AI-powered visual inspection and predictive analytics, we enable precision manufacturing that will reinforce Ford's brand promise and build trust with customers.



Strengthening resilience and reducing risk across the enterprise

We'll help Ford protect factories, fleets and vehicles with advanced security. This includes a 'cyber dome' of integrated protection across assets, data and intellectual property. End-to-end supply chain visibility, powered by Digital Factory and Smart Supply Chain solutions, reduce, detect and eliminate vulnerabilities. This reduces the risk of disruption to critical operations and minimizes the likelihood of recalls.

Cisco and NTT DATA will improve Ford's operations by updating old platforms and managing their lifecycles. This will help them stay ahead of the curve and reduce the risks of working on old systems.



Accelerating revenue growth and time to market

We will help Ford innovate faster, bringing new products to market sooner. AI automation, humanoid robotics and advanced visual systems can compress design cycles, speed up production and expand Ford's ability to deliver new mobility experiences.

Beyond vehicles, we'll support Ford's expansion into adjacent businesses such as energy storage, where Fault-Managed Power can create opportunities for new high-margin revenue streams. With our help, Ford can unlock growth by delivering the intelligent, sustainable products and services that customers demand.

Why Cisco and NTT DATA are uniquely positioned to support Ford

Together, Cisco and NTT DATA deliver the governance, coordination and global reach needed to realize success at scale.



A reliable, singular partnership

Our track record with Ford is built on decades of successful delivery and strong executive alignment between Cisco and NTT DATA. This trusted relationship is the basis of our approach, which seamlessly integrates strategy, technology and execution to deliver at pace. For Ford, this means we can create value from day one, with minimal disruption and more confidence in transformation partners and projects.



Unmatched full-stack capabilities

Cisco and NTT DATA are uniquely placed to support Ford across the entire technology stack. Together, we can help with everything from data center operations to ongoing consulting and advisory services. Our breadth and vertical integration allow us to act as a single point of contact, simplifying vendor ecosystems and reducing complexity.





Global expertise with local precision

With operations in more than 50 countries and teams embedded across Ford's major markets in Europe and Asia Pacific, we deliver both global reach and local delivery. Our global/local model ensures that Ford's global programs are managed to consistent standards of governance and execution, augmented with localized insights from regional teams.



Deep automotive experience and cross-sector innovation

We bring more than 50 years of experience in the industry, working with seven of the world's top automotive manufacturers. This heritage means we understand the complexities of Ford's transformation journey. This includes everything from connected vehicles and electrification to manufacturing modernization and sustainability. Beyond automotive, our work across aerospace, healthcare, energy and manufacturing enables us to bring cross-industry innovations in areas such as robotics, AI, factory modernization, edge, new model networks and more. All of which can accelerate Ford's competitive advantage.



Relentless R&D

We invest billions every year in R&D and hold over 18,000 patents across fields that are directly relevant to Ford's future, including AI, networking, quantum computing and platform innovation. With initiatives such as NTT Research and our Innovative Optical and Wireless Network program, alongside Cisco's leadership in next-gen connectivity, we can apply novel research to build and enhance real-world solutions to support transformation.



A unique cultural approach to partnership

We are guided by the organizing Japanese principle of Dampo Yoshi, reflecting a commitment to good for all — customers, business and society. This ethos aligns closely with Ford's values, particularly the commitment to sustainability and zero-emission manufacturing. Together, Cisco and NTT DATA provide both technical capabilities and a close cultural, purpose-driven fit to strengthen our long-term partnership.





A trusted partner to the world's leading automotive and industrial organization

Transformation at scale takes more than promises. It requires proven capability, investment and innovation that are applied in the real world.

Only Cisco and NTT DATA can demonstrate the scale and depth to help Ford deliver results that move the dial:

- **Trusted by industry leaders:** We work with the top seven global automakers, as well as major industrial organizations, giving us deep insight into the challenges and opportunities across the mobility ecosystem.
- **World-class R&D investment:** With \$3.6 billion invested annually in research and development, NTT advances robotics, AI models, best practices and embodied AI to deliver practical, deployable solutions.
- **Innovation and intellectual property:** 18,000+ patents across AI, photonics, cybersecurity and advanced networking ground our ability to bring cutting-edge technologies into production safely and efficiently.
- **Global operational footprint:** Operating 150+ data centers in 20+ countries, we combine local presence with global reach to support operations anywhere, while ensuring speed, security and reliability.

A strategic partner for Ford's digital future

Cisco and NTT DATA are ready to help Ford move transformation forward on every front — making factories more efficient, operations more resilient and infrastructure smarter. All while maintaining quality, controlling costs and driving innovation.

As proven partners, we bring global expertise and a unified approach that can help Ford accelerate transformation while unlocking value across production, operations and supply chains.

With our shared commitment to innovation, resilience and sustainability, we can work alongside Ford to build the digital and operational foundations needed to meet evolving market demand, advance vehicle technology and strengthen the mobility ecosystem.

Together, let's enable Ford to evolve at speed, by simultaneously delivering on strategic priorities and maintaining operational competitiveness.





About Cisco

Cisco (NASDAQ: CSCO) is the worldwide technology leader that is revolutionizing the way organizations connect and protect in the AI era. For more than 40 years, Cisco has securely connected the world. With its industry leading AI-powered solutions and services, Cisco enables its customers, partners and communities to unlock innovation, enhance productivity and strengthen digital resilience. With purpose at its core, Cisco remains committed to creating a more connected and inclusive future for all. Discover more on The Newsroom and follow us on X at @Cisco.

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About NTT DATA

NTT DATA is a \$30+ billion global innovator of digital business and technology services. We serve 75% of the Fortune Global 100 and are committed to helping clients innovate, optimize and transform for long-term success. As a Global Top Employer, we have experts in more than 50 countries and a robust partner ecosystem of established and startup companies. Our services include business and technology consulting, data and artificial intelligence, industry solutions, as well as the development, implementation and management of applications, infrastructure and connectivity. We are also one of the leading providers of digital and AI infrastructure in the world. NTT DATA is part of NTT Group, which invests over \$3.6 billion each year in R&D to help organizations and society move confidently and sustainably into the digital future.

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