



Fast. Secure In your control. Everywhere your mobility platform goes.

P5G as-a-Service.

Turnkey private 5G network
partnership for automotive OEMs.



Today's automotive industry is being driven by intense digital transformational change on every front; the move to autonomous and shared, electrified vehicles; burgeoning infotainment and connected car challenges; the increasing split of hardware and software in automotive platforms; the incredible increase in data being produced by today and tomorrow's cars.

Consumers want more digitally enhanced experiences, not only in terms of the features and options available to them, but throughout the whole of their vehicle ownership, including rapid access to the latest features and updates. Meanwhile, manufacturers are also being driven towards more sustainable products and production processes by environmental concerns, which is resulting in new and more complex operations, for global enterprises that already operate in a web of complexity.

It's why the automotive industry is turning to private 5G to deliver an integrated, complete, controllable, organization-wide approach to networking.

With private 5G delivered as-a-Service, automotive OEMs can evolve their network infrastructure quickly, simply, and securely—without losing existing investment in technology or assets—to deliver better communications and better business outcomes.

Stronger connectivity to enable next level vehicle production

Automotive OEMs need to adopt more robust production processes, greater visibility of the entire global supply chain, and systems that can flex as operating conditions change. And Automotive CIOs and CTOs are examining how they can ensure these networks deliver the availability, compliance and security their business demands.

With NTT's Private 5G as-a-Service, we make it easy to implement a new kind of network architecture, for these new kinds of business challenges. We help you to make the improvements you need, without significant cost, effort, or risk to existing operations.

Working with NTT, you'll get a complete private 5G partnership—a custom-built private 5G network designed specifically for your organization's use cases and challenges, and deployed, run, and optimized as a full Network-as-a-Service. We design you the simplest

architecture, avoiding many of the unnecessary functions built into carrier networks, delivering a lightweight solution with less technical overheads. The network is designed to learn and adapt over time to your changing needs.

And by taking responsibility for network implementation and rollout, management, and improvement (including managing security and compliance for you) we free you to concentrate on controlling and prioritizing your applications to deliver the most value to your organization.





Delivering a complete private 5G network partnership

When you choose Private 5G as-a-Service from NTT, you get a network that enables you to meet the on-the-ground challenges faced by organizations in the automotive industry—fast, reliable, actionable solutions that are easy to deliver and manage. These solutions are comprehensive across key use cases such as Push To Talk Wireless Communications, Digital Frontline Worker Platform, Automated Guided Vehicles, Machine Vision, and Always Connected PC.

With these solutions, you get complete control and ownership of every aspect of development and delivery, creating a network where you set the priorities, to deliver operational performance without gaps, delays, or barriers. It will deliver relentless global scalability and flexibility, so you can connect the whole business, workforce, and devices, wherever they go, and as they grow.

Private 5G as-a-Service delivers business results.



Fully customized and multi-variant production flows need high levels of automation, which depend on fast and secure networks with continuous connectivity for equipment, systems, people, and devices.



Delivery and support for autonomous/connected vehicles, and technologies like vehicle-to-vehicle (V2V) and vehicle-to-everything (V2X), rely on low latency networks with precise control and prioritization.



Truly global supply chains, with ever deeper levels of contractors and subcontractors, need highly reliable and secure connections, to keep your processes running but your data and IP safe.

And much more...

You'll get the ability to function and operate with complete independence to pursue your objectives and differentiation at your own pace and more effectively, thanks to a purpose-built, lightweight, enterprise-class network. Embedded security and compliance make it easy for you to be sure your operations are secure and your risk is mitigated.

NTT: the perfect private 5G network partner for automotive OEMs

Together, we help you to transform your network to drive business growth through global reach and scalability, improve business agility with flexible services you can spin up on demand, and deliver custom 5G solutions with extremely low latency and 24/7/365 availability.

We deliver a solution that is:



A full turnkey service.

We support you with a unique delivery and management model, delivered as a single point of control, which can be turned on and used whenever you want, with minimal risk. Our coverage-based pricing model is predictable and finance team-friendly.



Totally connected and integrated across the business.

P5G as-a-Service fits straight into enterprise environments, including legacy systems, with no need to rearchitect security policies, and no LAN overlays. Seamless transfer between private and public 5G networks keeps connections with no gaps and no effect on latency.



Uniquely global.

Your Private 5G as-a-Service network is ready to deploy or be supported anywhere you need it, with simple global device management, and full support from the 24/7 NTT Global Network Center.



Designed to be secure, robust, and business-ready.

Our network platform contains only the functionality that enterprises need, nothing more. It's secure by design, including network-level embedded security and compliance.



Incredibly future-proof, and backed by R&D.

Our network is designed for enterprise demands in coverage and reliability, and is easily upgraded for growth. We continually invest a large budget in R&D development, to keep the network and security ahead of the use cases and capabilities you need.





Working together to deliver better connected outcomes for automotive OEMs

At NTT, we're committed to enabling a connected future. Through the work we do with our clients and in our communities, we understand and embrace the positive impact that technology can bring—technology for good.

Together, we can deliver network transformation to help you overcome the challenges you face. With our expert understanding of the automotive industry and our experience delivering technology-enabled automotive services and solutions around the world, we'll look at where you are on your digital transformation journey, and show you how Private 5G as-a-Service can improve efficiencies and help you innovate across your whole ecosystem.

We're rated by analysts. Gartner named us a Leader in the 2021 Magic Quadrant for Network Services, Global. We believe our unique and innovative vision strategy and product portfolio are the reasons behind our recognition in the report, as well as our agile, secure, and high-performing end-to-end solutions.

And we're valued by customers, too. We partnered with Cologne Bonn Airport to build one of the largest private 5G networks in Europe, significantly boosting the organization's digital transformation. Covering 1,000 hectares, the high speed, high reliability, low latency network enables business innovations such as intelligent baggage checking, security via automated guided vehicles, augmented and virtual reality, and has delivered significant improvements in operational efficiency.

Together, we can similarly transform your business, bringing you all the benefits of Private 5G as-a-Service in a turnkey private 5G network partnership. So that your organization can meet (and exceed) the challenges you face, today and in the future.

