



Edge as a Service

Discover how to leverage the latest technological revolution

With Edge as a Service, you can leverage leading private networks, the Internet of Things and edge computing **to deliver enhanced experiences by connecting people to real-time data that delivers meaningful insights.**

Service overview:

In a world where data is increasingly powerful, knowing how to use and store the data collected from the Internet of Things (IoT) is critical.

Ensuring that your infrastructure can deliver ultra-low latency, ultra-high bandwidth capabilities is crucial given a customer base that has real-time data expectations. Legacy applications and infrastructure, together with a small, local data center presence can become problematic for organizations looking to move to a digitalized, global future.

As we move into the near future where AI and machine learning empower automation and enable smoother operations, enterprises across various industries are seeing the benefit of leveraging IoT and edge computing to enhance their capabilities and service delivery.

Edge as a Service

Bringing together reliable, powerful networks, edge devices and computing as well as securing data transfer and storage is the mandate of Edge as a Service providers. Our edge-to-cloud models ensure the best solution for your unique circumstances can be implemented and managed on an as-a-service basis.

Key service features:

- **Private 5G**
Our Private 5G-as-a-Service enables the speed, security, agility, and total control organizations need across every aspect of the network – design, build, integration, management and optimization.
- **Edge Compute**
Edge computing moves data processing and storage closer to where the data is produced, enabling real-time benefits and supporting mission-critical applications and operations.
- **Internet of Things**
Our Managed Cloud Services help you digitalize new use cases, capture new information and take unprecedented action.

Why NTT for Edge as a Service?

Leveraging applications and processing at the edge, our services enable you to deliver real-time benefits to your customers.

Business outcome: Processing and analytics at the source

Business outcome	Benefits
Processing and analytics at the source	Gain real-time insight into the operations and performance of machines, devices and people.
Reliable, secure data transfer and storage	Our Private 5G capabilities are secure by design, ensuring your data meets compliance regulations and is only accessible to authorized people.
Revolutionize experiencesw	Imagine new possibilities and deliver enhanced experiences leveraging reliable connectivity together with real-time processing and analytics.
Optimize delivery and performance	With data from the Internet of Things and the processing power of edge computing, operations and service delivery can be streamlined and optimized.

How we deliver: See how it all comes together at the Tour de France



Our solution for Amaury Sport Organisation focused on:

- Data capture**
 A GPS device on the back of each bike records speed and rider location every second. The existing broadcasting capabilities of the race are leveraged to transmit data from every bike along every kilometer of the race route.
- Data processing**
 While we collect standard data points from each bike (speed and location), the magic happens when that data reaches our custom data analytics and visualization platform. Combining live data with third-party information and machine learning algorithms, we're able to provide meaningful insights.
- Data storytelling**
 To enable fans to connect with and consume data about the race on their platform of choice, we make real-time data available in several new ways. Our rich analytics and digital platform enable innovative multichannel data storytelling.

Why work with NTT?

- Innovative pioneers**
 We launched the first globally available Private 5G platform, which delivers advanced AI-Ops and predictive analytics where you need them most.
- Experience**
 From creating a digital twin of the Tour de France to enabling healthcare providers to optimize operations and deliver real-time care to their patients, we've implemented and managed solutions across multiple industries.
- Investing in the future**
 We support the research and development of innovative technologies and services through an annual R&D investment of USD 3.6 billion.
- Global footprint**
 Our edge-to-cloud models are supported by our global IP network, cloud and data center footprint.



Get in touch

To learn more about Edge as a Service and how it could be implemented within your enterprise, speak to your client manager or [visit our website.](#)