



Edge as a Service

Accelerate productivity and innovation through business transformation

Leverage leading private networks, edge computing and Internet of Things to **deliver enhanced experiences by securely 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 ultralow latency and ultrahigh 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 AI and machine learning increasingly 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

We bring together reliable, powerful private networks, edge devices and edge computing, and secure data transfer and storage. Our edge-to-cloud models ensure we can implement the best solution for your unique circumstances and manage it as a service.

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 computing

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

IoT applications, devices and suite of services deliver new digital use cases, capture new information and take action.

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

Business outcomes and benefits

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 experiences	Imagine new possibilities and deliver enhanced experiences by leveraging reliable connectivity together with real-time processing and analytics.
Optimize delivery and performance	With data from IoT edge devices and the processing power of edge computing, operations and service delivery can be streamlined and optimized.




See how it all comes together at the Tour de France




Our solution for Amaury Sport Organisation, the Tour de France organizers, incorporates:

- 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 NTT?

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Innovative pioneers
 We launched the first globally available Private 5G platform, which delivers secure, reliable network connectivity to run predictive analytics where you need them most.
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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.
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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.
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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](#).