



Cybersecurity nell'era dell'intelligenza artificiale

La tua AI privata e sovrana

Torino, September 18th, 2026



www.nextgcloud.com



The problem:

Protecting Data from Cyber Threats

0.7 %

Italy vs World Population

1.8 %

Italy vs World GDP

10 %

Italy vs Global Cyber Attacks

Average cost per SME: 100 K€

AI – New Risks for Data in Use



Higher Exposure

AI models handle a lot of data in real-time. This increases where attacks can happen and makes it easier for data to be stolen.



New Attack Vectors

AI models face specific dangers like model extraction or data poisoning. These attacks aim to steal or change data.



Shared Environments

In shared cloud setups, weak security lets attackers use AI model flaws. This can give them access to other users' data.

NEXT G CLOUD

We help enterprises secure their cloud by offering **confidential computing** solutions and **private sovereign AI** across the edge-cloud continuum.

- **Next G Cloud** is a cutting-edge technology company, specializing in managed cloud services, advanced training, and strategic consulting.
- Leveraging the latest advances in edge computing, artificial intelligence, and quantum technologies, we offer unique solutions to secure infrastructure and applications for developers and businesses.



THE NEED FOR CONFIDENTIAL COMPUTING

Protecting data in all its forms:

not only **Data in Transit** and **Data at Rest**, but also **Data in use**.



Enhanced Security

- Protects data **EVEN WHILE IN USE**
- Data is processed inside a secure, isolated CPU area (TEE)

Secure Collaboration

- Collaboration across organizations without exposing raw data

Data Privacy

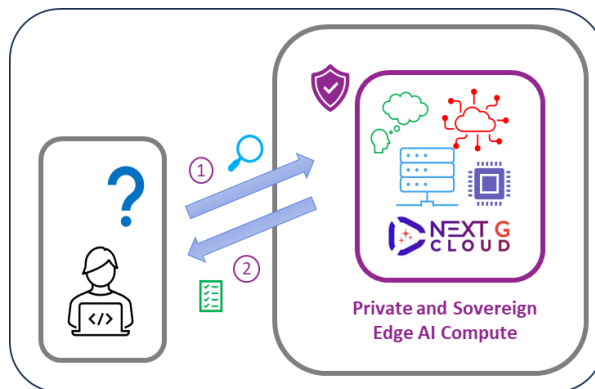
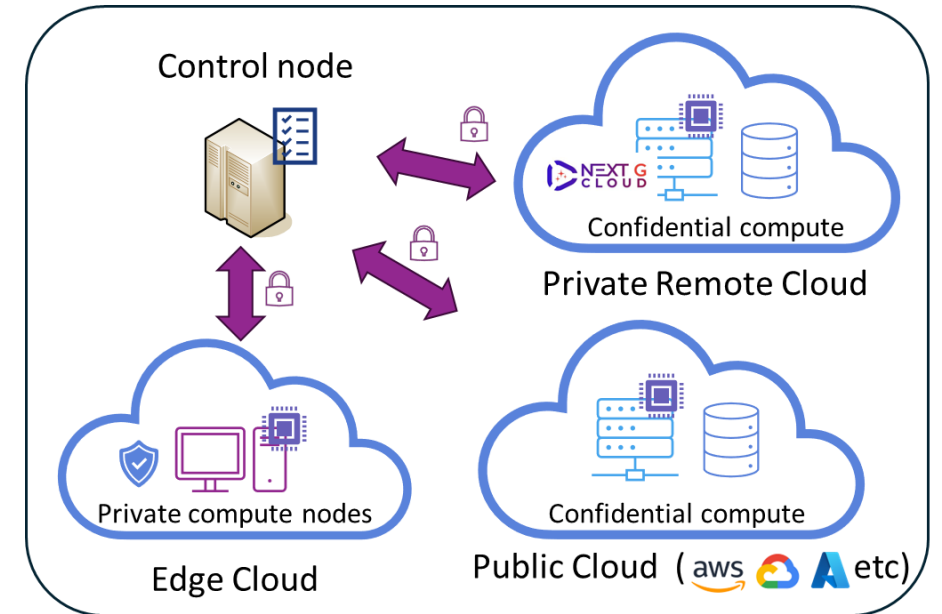
- Protects **UNAUTHORIZED ACCESS** even from Cloud Providers, Service Providers and Hyperscalers

According to Gartner, **CONFIDENTIAL COMPUTING** is the 3rd top strategic technology for 2026



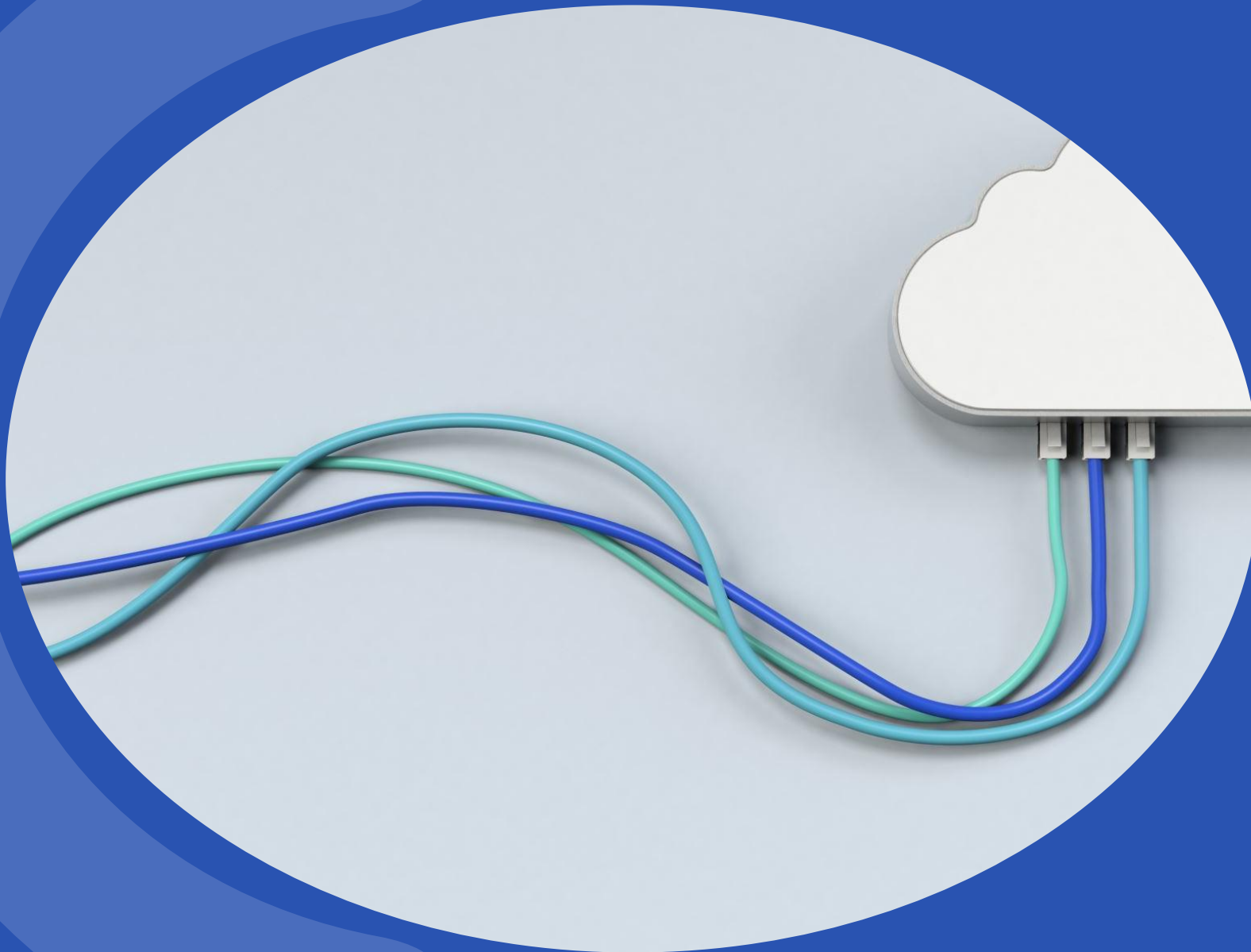
Technology Overview

- **Edge-to-cloud** continuum
- **Security** enclave + attestation
- **Multi-vendor** Cloud support



Private and sovereign AI

- Processes Optimization
- Knowledge management
- Workflows automation

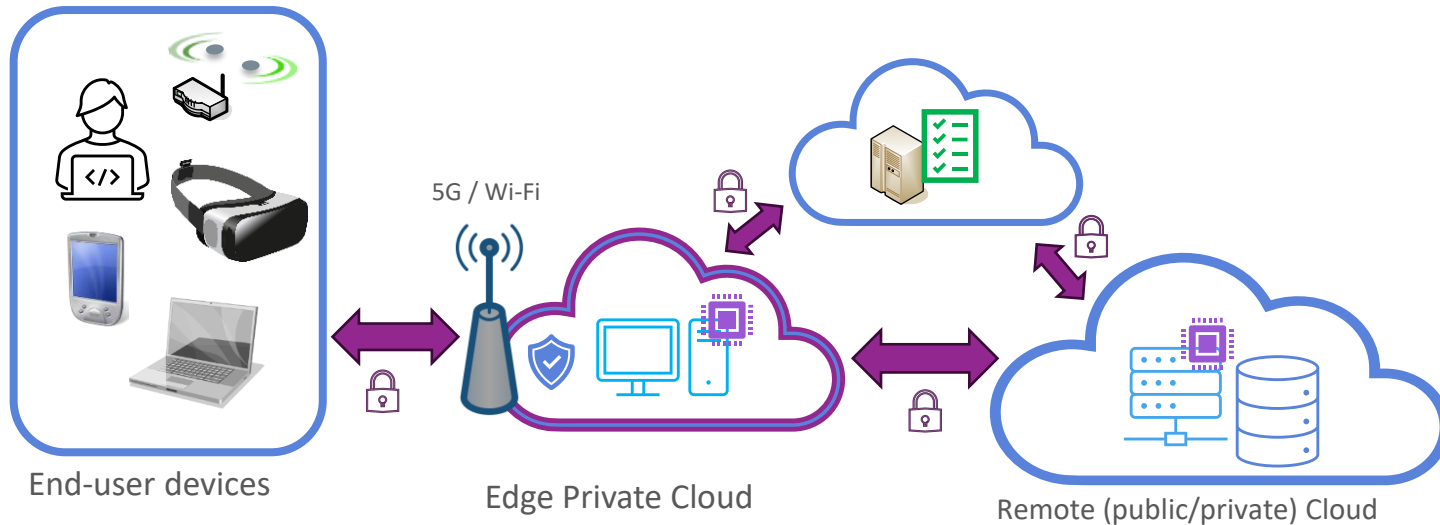


END 2 END SECURITY SOLUTIONS

How we care about customer data
governance and protection

Our Confidential Computing Solution

	Trusted Execution Environments (TEEs)
	Attestation Server & policy management
	Encrypted link



Protection during Processing

Data in-use remains encrypted within hardware-secure Trusted Execution Environments (TEEs)

Data Privacy

Protects data from unauthorized access by admins, cloud providers, and attackers.

Secure Collaboration

Enables cross-organization data sharing without exposure.

Regulatory Compliance

Ensures regulatory compliance (e.g., GDPR, HIPAA) and builds stakeholder trust.

Value Proposition

EU Sovereign Security

Secure, flexible,
vendor-agnostic hybrid
cloud infrastructure

Regulatory Compliance

Future-proof
implementation:
CRA, NIS2, GDPR, AI Act

Cost/Time Effectiveness

Optimize ROI
with enhanced security
and compliance

Interoperability

Seamless operation, intuitive controls

Custom Deployment

Integration with existing infrastructure

Business Model

Target Market: B2B and B2G

Enterprises and Governments requiring secure and EU sovereign cloud infra.
Segments: finance, legal, automotive, smart-cities and PA, including **dual-use** applications

Subscription-Based Model

Recurring revenue including possibility to **buy/rent turnkey HW+SW solutions** plus assistance and managed cloud services, ensuring predictable cashflow.

Tiered Pricing

Flexible pricing from SMEs to large enterprises, with custom packages for complex for complex deployments (**basic / premium / custom assistance**)

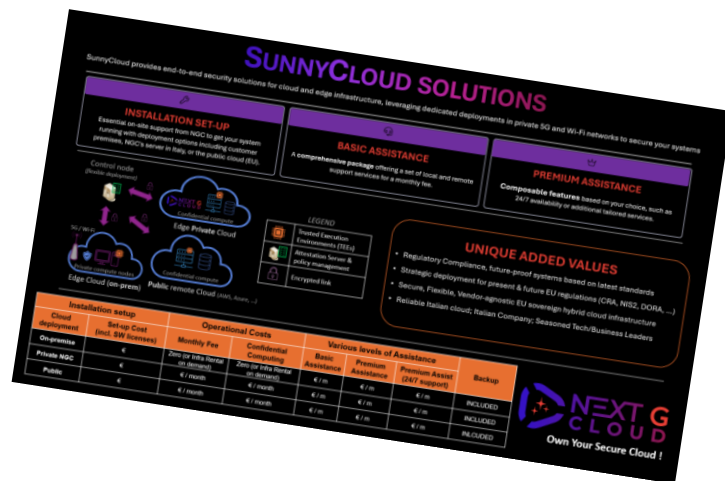


Additional revenue: professional services, training programs, custom integration projects



On-prem Solutions

- **Next G Cloud** offers a wide range of cloud solutions, from edge to on-premises, including private cloud deployment options, interoperable with the public cloud.
- Our "**on-premise**" solutions allow the customer to have full control of security and costs:
 - Private AI on on-premises infrastructure that resides at the customer's enterprise perimeter
 - Ad-hoc design (Sizes S, M, L, XL) for optimal use of AI according to needs
 - Possibility of purchasing or even renting systems to minimize costs (CAPEX and OPEX)
 - NEXT G CLOUD support for optimal use of systems



Our bundle service offering:

- Installation and setup
- Support (basic/premium)
- Starter packs, with the possibility of expansion/upgrade



Private Cloud Solutions

- **Next G Cloud** offers a wide range of cloud solutions, from edge to on-premises, including private cloud deployment options, interoperable with the public cloud.
- In order to offer flexible solutions for its customers, the company has acquired strategic assets to offer a **private cloud hosted by NGC** in co-location with a carrier-neutral Data Center in Northern Italy, **Rated-4** certified, with quality fiber connections to Tier-1 operators.



Data Center Features:

- All facilities built to meet or exceed the highest levels of resilience (ANSI/TIA-942 Rating 4 and ISO 22237 certification)
- Campus with an area of 200,000 m2, just a few minutes from Milan
- 45MW Data Center with 24/7 armed security on all its control perimeters



Carrier Neutral Data Center:

- TIM, Fastweb, Wind | Three, Vodafone, Retelit, Cogent, Irideos, Planetel.
- The Dual transmission system to [Milan Internet eXchange](#) (MIX) facilitates interconnection with dozens of other national carriers and international carriers
- On-demand managed connectivity available.



Some Vertical Use Cases



Smart Cities & Digital Twins

LIVE PILOT in Turin

"Edge Data 4 Safety" Project

Project Goals

- Evolution of **mobility services** toward as-a-service paradigm
- Exposure to 3rd parties for additional assistance
- Edge alerts for **increased safety** (InsurTech services)

Implementation

- Joint project with Quandopasso
- Collaboration with Turin City
- Using ToMove **Digital Twin** platform

Call for Testing: <https://torinocitylab.it/call4testing>

Advisory Board: INWIT, NTT DATA, IVECO, TIM Enterprise



Industrial edge AI for enterprises

Focus su Settore Manifatturiero, Food & ICT

Il mercato emiliano-romagnolo è particolarmente ricettivo: alta densità di PMI manifatturiere e agroalimentari con IP da proteggere, cultura industriale matura (verso Industria 4.0), e una sensibilità crescente al tema sovranità dati dopo episodi di data breach e l'entrata in vigore del Data Act.

Next G Cloud offre a PMI manifatturiere soluzioni di edge AI «chiavi in mano», con la possibilità di utilizzare algoritmi di AI/ML e LLM locali su cloud privato e sovrano senza il rischio che i dati (e le proprie Intellectual Properties) vengano esposti a terze parti.

- AI Workload privati
- Monitoraggio predittivo di macchinari critici con dati sensibili.
- Computer Vision per controllo accessi in azienda/cantieri/laboratorio.

- Dati privati con Confidential Computing
- Dati sensibili elaborati in locale, senza esporre né modelli né dati a terzi.
- Processing sicuro in ambienti isolate (enclave)

- Soluzioni flessibili per l'azienda
- Installazioni On-premise e/o su cloud privato

Soluzioni On-Premise

L'IA lavora localmente nei server della tua azienda

Opzione su Cloud Privato

Installazione flessibile (o ibrida) basata sulle preferenze dell'azienda

16%
Degli incidenti al settore Manufacturing nel mondo avviene in Italia



Sovereign Drones edge AI clouds

Next G Cloud offers secure, cost-effective cloud solutions hosting sovereign AI applications

- Public Databases (PA, government, etc.)
- Access to centralized databases and records

- Confidential Compute
- Secure processing in isolated environment

- PA / Defense / Enterprise Infrastructure
- On-premise or private cloud deployment

On-Premise Solution

Sovereign AI models work locally in your servers

Private Cloud Option

Flexible deployment based on preferences



Sovereign Private AI for Law Firms

Next G Cloud offers secure, cost-effective cloud solutions hosting sovereign AI applications

- Public Databases
- Access to legal databases and public records

- Confidential Compute
- Secure processing in isolated environment

- Law Firm Infrastructure
- On-premise or private cloud deployment

On-Premise Solution

AI works locally in your firm's servers

Private Cloud Option

Flexible deployment based on preferences



Sovereign AI for FinTech and InsurTech sectors

How It Works:

AI operates locally on your company's servers

Optimize Banking Processes

Automate loan approvals, compliance management, KYC/AML verification—data stays in your systems

Knowledge Management

Search company documents, internal procedures, staff training, automated report generation

HR Workflow

Streamline HR processes with secure, internal AI assistance

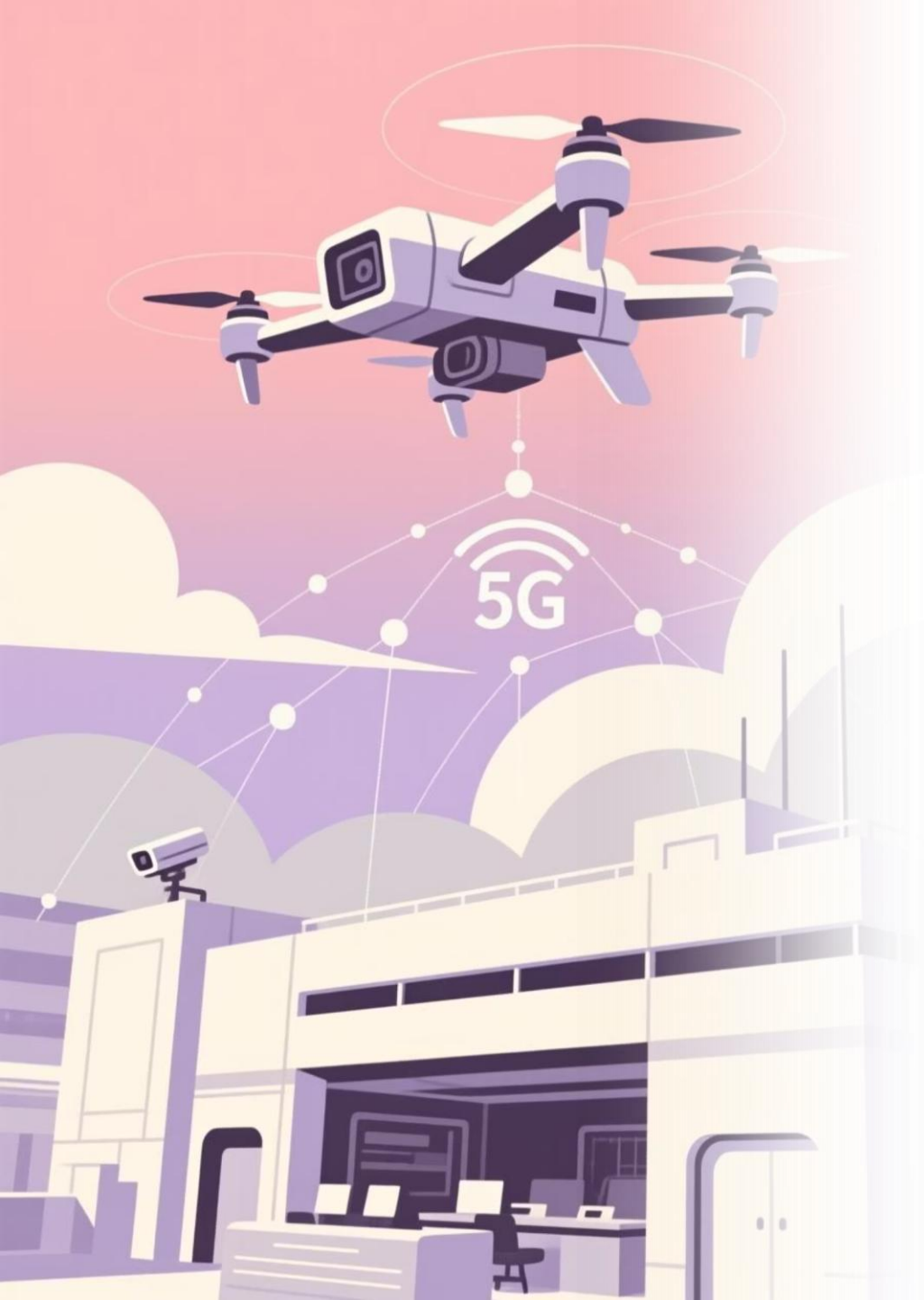


NEW !



CONFIDENTIAL AI USE CASES

FOCUS ON TERRITORY
PROTECTION



Sovereign Drones and Edge AI clouds

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On-Premise Solution

Sovereign AI models work locally

Private Cloud Option

Flexible deployment based on preferences

Satellites and Digital Twins for Territory protection

Next G Cloud offers secure, cost-effective cloud solutions to host a federated sovereign DT for the territory

- Integrating various Private and Public Databases
- Keeping the control from each data owner

- Confidential Computing
- Secure processing in isolated environment

- Sovereign and secure Infrastructure
- On-premise or private cloud deployment options

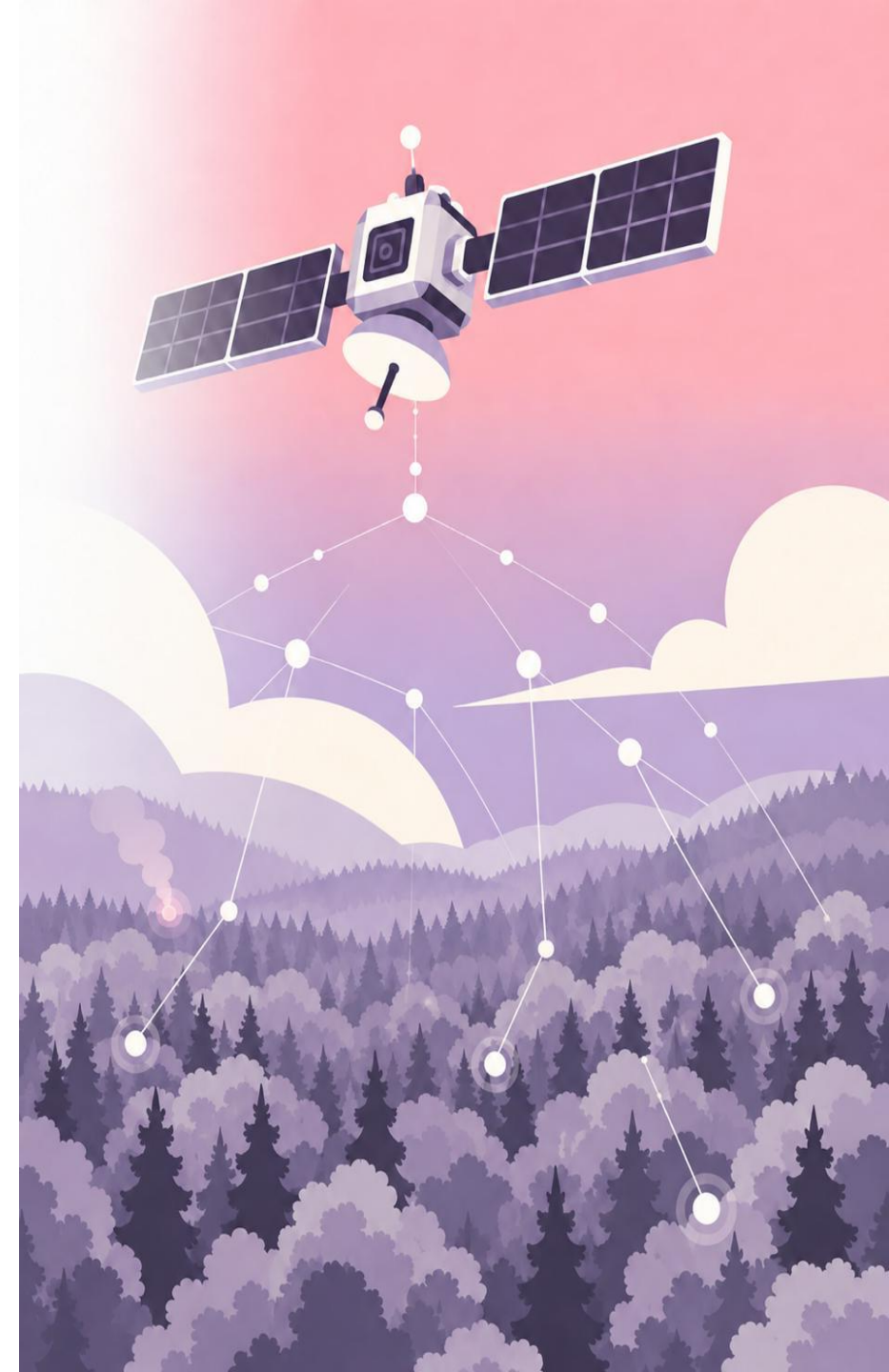
On-Premise Solution

Sovereign Digital Twins run locally



Private Cloud Option

Flexible deployment based on preferences



Final remarks

"Next G Cloud envisions a future where European organizations can leverage AI and cloud technologies without sacrificing data sovereignty, security, or compliance."



Security, data privacy and compliance

Data in-use remains encrypted within hardware-secure Trusted Execution Environments. Private and sovereign AI solutions keep data control and compliance with regulations



European Sovereign Cloud

Higher protection and compliance with EU regulations. Complete control over sensitive data, supporting digital sovereignty initiatives.



Edge Cloud – Reduces Times and Costs

Processing data closer to source dramatically reduces latency and bandwidth costs. **Real-time processing capabilities** while minimizing expensive data transfers.



Environmental Impact – UN SDGs 8, 9, 11, 13

Edge-to-cloud architecture optimizes energy consumption. **Reduced data movement and optimized processing** translate to lower carbon footprint.



Let's build the future together!



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