

# *Digital Infrastructures & A.I. for the territorial competitiveness*

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# Trentino Digitale S.p.A.

- ***In-house providing company*** of the Provincia autonoma di Trento and of all the local Public Administrations
- **174 Public Shareholders**
- 300 employees
- Owner and manager of provincial **optical fiber network**
- Owner and manager of provincial **radio networks** (including the emergency one)
- Owner and manager of 2 **Data Centers**
- Manager of **software & platforms of the P.A.**
- Service Provider (networks, data centers, cloud services, applications, cybersecurity, ..)
- Involved in the Ultra BroadBand initiatives

# TRENTINO



# The role of Digital Infrastructures

- High performance networks for the Public Administrations
  - Digital transformation and **digital services**
- Ultra Broadband **Internet access** for the Enterprises / Citizens
  - access to homogeneous digital services across the territory
- Data Centers to host and protect the **Data of the P.A.**
- High Performance Computing for the **A.I. for the P.A.**
- **Edge computing** & Applied A.I. for Innovation
- **Internet of Things (IoT)** & Sensors
- **Cybersecurity** for a fragile society dependent on technology
- Digital Infrastructures are **Underlying Technologies for A.I.**

# A new scenario: The role of P.A.

- Public Administrations are the largest service providers
- **Public Administrations** are the largest **data holders**
- The world of work, and not only, is changing
- **Awareness and competencies** before A.I. adoption
- **Digital Sustainability**
- **Skills availability**
- **Synergies between territorial Actors**
- Regulation and compliance

# Ongoing experiences in A.I.

- AI-automated processes for digital services
  - Virtual Assistant
- AI-automated processes for workflow
  - Document analysis and processing
- AI-based solutions for the Agriculture sector (IRRITRE)
  - Predictive models for the irrigation recommendations
  - Exploitation of Digital Infrastructures, IoT and sensors
- AI-based solution for the urban centers
  - Detection of presence of vehicles in parking lots
  - Edge computing & IoT sensors

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