



Collaborative online Brokerage event:

**“Artificial intelligence in Horizon Europe calls:
an interdisciplinary challenge”**

Flash Presentation



ABOUT US

We were founded in **2008** with a single goal: to make the companies around us better.

In **2025**, we work with clients from all over the world but always focusing on Galician industry.



250
people

14M€
year

*56% turnover with companies
26% competitive public funding*

+150
active
projects

15
active EU
projects

+800
developed
projects

+400
clients

*90% SMEs
10% large companies*

Our expertise



Advanced Communications

- Communication Systems
- Micro-nanoelectronics and Photonics
- Quantum Technologies
- Autonomous & Unmanned Systems



Intelligent Systems

Key tech areas:

- Multimodal AI
- Data & AI Infrastructure
- Computing Continuum

Vertical sectors:

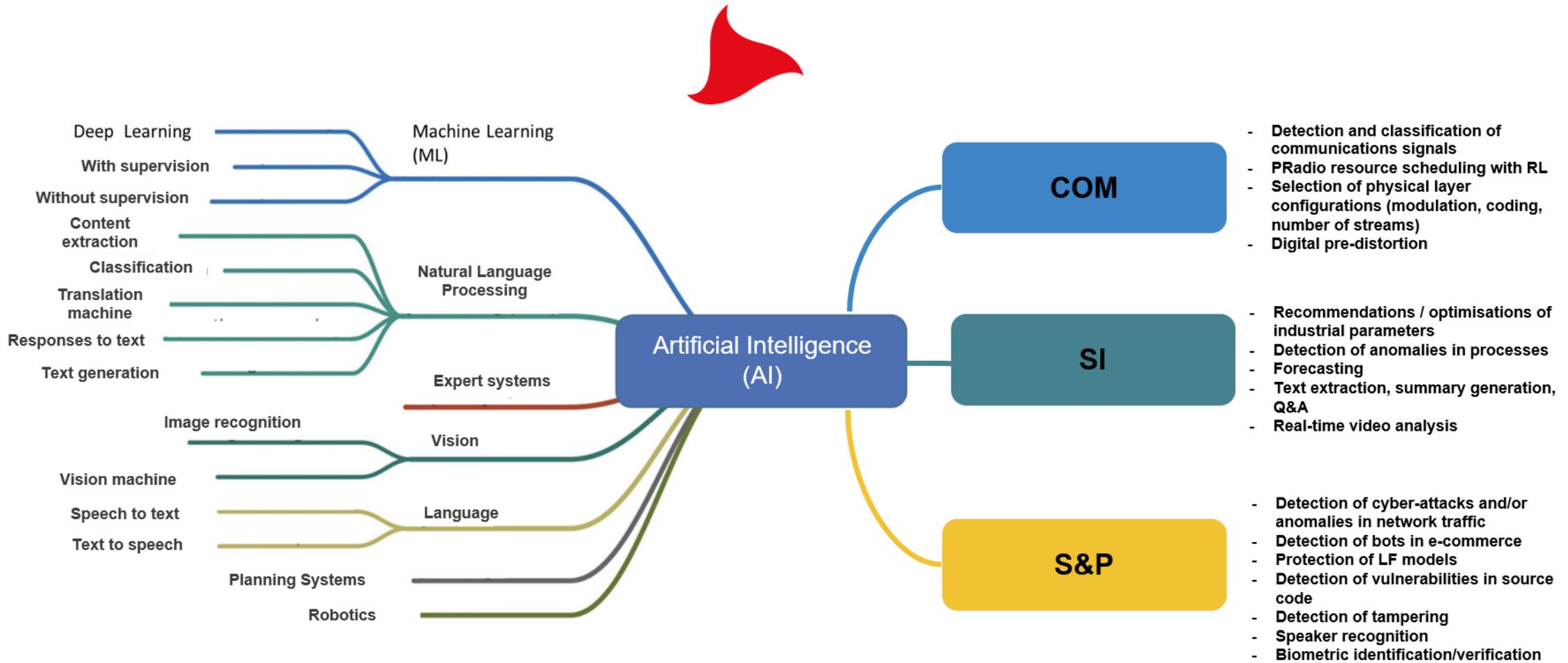
- Industry
- eHealth
- Agriculture



Security & Privacy

- Identity and Forensics
- Cybersecurity Analytics
- Advanced Data Security

Our expertise with AI



Multiple technologies for structured, unstructured and semi-structured data

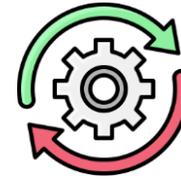
EU R&D Projects

Over the last 15 years, **Gradient** has participated in over 45 European projects, becoming one of the main drivers of technological innovation in Galicia (Spain).

These projects reflect our involvement in several ICT domains, such as, cybersecurity, AI applied to verticals such as healthcare and agriculture and advanced communications.

Gradient has experience:

- in Horizon Europe, Digital Europe and other calls.
- as coordinator, technical leader and key contributor (WP leader).
- bridging the gap between low and mid TRL levels to bring technology closer to markets.



15 on-going European Projects



Topics of interest

CLUSTER 1:

- HORIZON-HLTH-2026-01-DISEASE-02
 - Developing models to detect patterns that help prevent these issues using different data sources.
- HORIZON-HLTH-2026-01-DISEASE-15
- HORIZON-HLTH-2027-02-DISEASE-14-two-stages

CLUSTER 2:

- HORIZON-CL2-2027-01-DEMOCRACY-04
 - Deepfakes

CLUSTER 4:

- HORIZON-CL4-2026-04-HUMAN-01
 - Telco-Cloud-to-Edge Continuum
 - Edge-AI to minimise latency, integration with standard digital twin architectures to ensure interoperability; telco-cloud-continuum for dynamic and efficient workload orchestration.
 - EXtended Reality

CLUSTER 5:

- HORIZON-CL5-2026-03-D3-22
 - AI-based platform for energy consumption forecasting and optimization, enabling energy sharing and peer-to-peer energy exchange.

CLUSTER 6:

- HORIZON-CL6-2026-01-CIRCBIO-07
 - AI to accelerate sustainable biotechnology and biomanufacturing.

Role in the STEM-SSH collaboration – Natural Language Processing (NLP)

AI-based language models	Multiagentic AI systems	AI Act
<ul style="list-style-type: none">• Model training for classification• Model refinement• Model distillation• Model characterization• Continuous learning• Federated learning• Synthetic data generation	<ul style="list-style-type: none">• Monitoring, control and authorship of responses.• Supervisory agents for decision-making• Specialised agents for Q/A on unstructured text (PDFs, docs) or semi-structured text (CSVs, Excel, databases)• Neurosymbolic reasoning• Conversational agents	<ul style="list-style-type: none">• Watermarking for model authorship.• AI detection• Explainability• Hallucination control

Contact us!

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RTO (no-profit) based in Vigo, Spain