Spanish company offers digital twin and artificial intelligence for datadriven complex systems modeling

Summary

Profile type	Company's country	POD reference
Technology offer	**Spain**	**TOES20250618020**
Profile status	**Type of partnership**	**Targeted countries**
PUBLISHED	**Commercial agreement with technical assistance**	**• World**
Contact Person	**Term of validity**	**Last update**
Enrico FRANZIN	**18 Jun 2025** **18 Jun 2026**	**18 Jun 2025**

General Information

Short summary

A Spanish technology provider; through a commercial agreement with technical assistence , offers simulation, digitaltwin and artificial intelligence services for data-driven systems modeling , is looking for companies willing to include digital solutions to manage and/or understand the behavior of their systems.

Full description

A digital twin is a virtual replica of a physical system, process, or product that can be used for modeling, analysis, and optimization. With the integration of artificial intelligence techniques, a digital twin can be used for data-driven systems modeling to create a virtual representation of a system that leverages real-world data and predictive analytics to make accurate predictions and optimize performance.
To create a digital twin for data-driven systems modeling, a detailed understanding of the system's data inputs and outputs is required. This information can be obtained through sensors, data logging, and other measurement techniques, which are then analyzed and processed using machine learning algorithms to create an accurate model of the system.

Digital twins integrated with artificial intelligence techniques offer a powerful tool for data-driven systems modeling, enabling engineers to optimize performance, reduce costs, and improve reliability by leveraging real-world data and

advanced algorithms to create accurate and reliable models of complex systems.
The spanish company began operations in 2015 as an innovation consulting company focused on promoting the use of the latest technological advances, as artificial intelligence and digital twin, in conjunction with robust business models to enabling engineers to optimize performance, reduce maintenance costs, and improve reliability of systems, such as artificial vision for inspection systems.
The firm uses statistical and probabilistic prediction models, machine learning, deep learning and artificial intelligence.
They are looking for companies willing to include digital solutions to manage complex systems by leveraging data to improve performance, reduce costs, and increase reliability.

Advantages and innovations

Digital twins integrated with artificial intelligence techniques offer a powerful tool for data-driven systems modeling, enabling engineers to optimize performance, reduce costs, and improve reliability by leveraging real-world data and advanced algorithms to create accurate and reliable models of complex systems.

Technical specification or expertise sought

Stage of development

Already on the market

Sustainable Development goals

- **Goal 12: Responsible Consumption and Production**
- **Goal 9: Industry, Innovation and Infrastructure**

IPR Status

Secret know-how

IPR Notes

Partner Sought

Expected role of the partner

The company must be willing to include digital solutions to manage and/or understand the behavior of its systems.

Type of partnership

Type and size of the partner

Commercial agreement with technical assistance

- **Big company**
- **SME 11-49**
- **SME 50 - 249**

Dissemination

Technology keywords

- **01001002 - Digital Systems, Digital Representation**

Market keywords

- **02007025 - Consulting services**
- **02007022 - Software services**
- **02007027 - Other software services**
- **02007028 - Other software related**

Targeted countries

- **World**

Sector groups involved