PRESS RELEASE

CIRES Technologies collaborates with NVIDIA on an AI Factory to power smart ports and smart cities

Through this collaboration with NVIDIA, CIRES Technologies will deploy a sovereign AI Factory to meet the needs of smart ports and smart cities.

Barcelona, Spain — November 03, 2026 — CIRES Technologies, the technology arm of **Tanger Med** Group, announces the establishment of the **AI Factory** ecosystem, designed to accelerate the development, industrialization and large-scale deployment of artificial intelligence solutions for ports and cities.

This initiative, primarily aims to address the requirements of critical infrastructure by enabling the integration of AI into processes and operations, while supporting operators' requirements for data security, local processing and operational control.

Leveraging its experience and expertise and strong track record in complex projects in Morocco and Africa - particularly those involving safety and security for critical infrastructure, like Tanger Med Port, Nador West Med Port, Accra Port, Abidjan Port, City of Casablanca, Cities of Tangier and Agadir-, CIRES Technologies has developed technological know-how that is fully aligned with the operational needs of the sectors its serves.

Through its collaboration with NVIDIA -a global technology leader in artificial accelerated computing and artificial intelligence- CIRES aims to establish a comprehensive AI ecosystem comprising platforms, local expertise and a partner AI network that enables the secure, local modeling, training and development of applications tailored to critical infrastructure environments with dedicated teams.

CIRES Added-value : turning compute power into business applications

The **AI Factory** is conceived as an industrial capability rather than a data center. It brings together six complementary components: AI computing infrastructure; software platforms, data and AI models; integration and orchestration capabilities that connect AI to operational systems; specialized teams; governance, security and operations; and a structured approach to industrializing and deploying use cases.

Together, these components help to shorten the path from prototype to operational application, pooling resources across projects, and making each new use case faster and more efficient to deliver.

On top of this **AI Factory**, **CIRES Technologies** is developing **CIRES MIND**, its own intelligence and orchestration platform designed to connect AI models to data, operational systems and business needs.

CIRES MIND is designed to bring together, within a common architecture, vision AI agents, Vision-Language Models (VLM), generative AI, RAG, OCR, automation. The goal is to enable applications to understand and contextualize a situation, retrieve information, generate analyses and support teams in their decisions and operations, with authorized personnel reviewing alerts and recommendations before consequential action is taken.

The Ports and Cities as the first large-scale deployment environment

The **Ports and Cities** ecosystems, will be the first large-scale deployment environment for the capabilities built around the **AI Factory** and **CIRES MIND**.

Ports and Cities environments continuously generate large volumes of data from camera and operational systems and digital infrastructure. The ambition is to make better use of this data through artificial intelligence in order to develop new operational use cases.

The envisaged use cases include worker and environment safety, congestion analysis, cargo and vehicle flow management, truck orchestration and optimization of port operations. These applications will leverage vision AI agents with NVIDIA Metropolis blueprint for video search and summarization (VSS) and NVIDIA Cosmos.

In time, these capabilities may also feed into an Executive AI Cockpit, enabling operational managers and decision-makers to interact with their data in natural language, gain a consolidated view of operations and access AI-generated analyses and recommendations.

An industrial capability to accelerate scaling

> *"With this first AI Factory, dedicated to the ports and cities ecosystems, our ambition goes beyond setting up compute infrastructure. We want to build a sovereign industrial capability to turn AI into concrete operational solutions addressing the needs of complex environments. With CIRES MIND, we are creating the link between compute power, data and business operations in order to accelerate the deployment of new use cases, to give ports, smart cities and critical infrastructure an open, end-to-end way to adopt AI agents."*
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> — [Yahia El Amrani, General Manager], CIRES Technologies

> *"Ports are where physical AI will transform the global economy first," said Paolo Guglielmini, vice president EMEA at NVIDIA. "Tanger Med is showing the way in their own port, with an AI factory, an AI-skilled workforce and a port brain built on NVIDIA's platform and ecosystem. Together with Cires Technologies, we will take this from Tanger Med to ports and cities across Morocco and around the world."*
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> — [Paolo Guglielmini, VP EMEA], NVIDIA

CIRES Technologies vision

CIRES Technologies plans to gradually extend the capabilities of its **AI Factory** and **CIRES MIND** to other environments that require high-performance AI infrastructure suited for critical operations.

Building on the experience gained in complex port and industrial environments, the goal is to provide ports, smart cities and critical infrastructure operators across Morocco and Internationally with an end-to-end offering, from accelerated computing infrastructure to the **CIRES MIND** operational platform and ready-to-deploy AI applications. Designed as an open architecture, this offering will integrate with operators' existing systems, data sources and AI models, making it easier for them to adopt AI without having to build their own technology stack from scratch.

A CIRES AI Factory Infrastructure

The infrastructure will rely in particular on NVIDIA HGX B300 systems powered by **NVIDIA Blackwell Ultra** GPUs, complementing the **NVIDIA RTX PRO 6000 Blackwell Server Edition** GPUs already deployed, as well as on the **NVIDIA AI Enterprise** software platform.

This combination will support a wide range of workloads, from computer vision and multimodal models to generative AI and AI agents. The Blackwell Ultra GPUs will provide the capacity to train and run larger multimodal and agentic models at scale, while **NVIDIA AI Enterprise** will provide production-grade software to develop, deploy and manage these applications.

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