EUROCONTROL DEPLOYS THE FIRST AIR TRAFFIC MANAGEMENT DIGITAL PLATFORM ON PUBLIC CLOUD AND THE WORLD'S LARGEST AERONAUTICAL DATABASE, DEVELOPED BY INDRA

- **This trailblazing achievement constitutes a key step forward in the digital transformation of EUROCONTROL's Network Manager system within the framework of the iNM program, designed to enhance flight planning efficiency and safety, increase capacity, and reduce emissions**

- **EUROCONTROL has successfully launched the shadow operations of the eEAD, the largest global aeronautical information system, which will be integrated into the digital platform developed in cooperation between the organisation and Indra. The "shadow operations" are intended to validate functionalities while ensuring the continuity of current operations**

- **The deployment in the public cloud has required the application of the highest levels of cybersecurity to ensure the integrity of the data while enabling all of the players involved to apply more flexible management**

Madrid, 13th December 2024. – EUROCONTROL, a international civil-military organisation dedicated to supporting European aviation and appointed as the Network Manager, has successfully implemented the first air traffic management digital platform in a public cloud with the cooperation of ATOS and Microsoft, using the Digital Platform developed by Indra. This breakthrough, part of the integrated Network Management (iNM) program, drives the digitalization of the systems that manage the European aviation network.

Indra's solution constitutes an unprecedented milestone in the air traffic sector, as it has been integrated onto a public cloud and, if necessary, a private infrastructure, enabling all of the players involved to apply more flexible management, adapt to traffic demand, access critical and updated data in real time and guarantee the greatest possible operational resilience.

Indra has integrated advanced levels of cybersecurity throughout the technical implementation and applied the highest security standards in Microsoft Azure's public cloud in order to protect all the data handled by the system, in addition to strengthening the security of the operations in a critical environment such as air traffic. Moreover, the development of this Digital Platform in a public cloud infrastructure paves the way for any future advances in air traffic management to be independent of the different hardware infrastructures that support them, thereby reducing the costs associated with physical environments.

The digital platform developed by Indra is hosting the first version of the eEAD (electronic European AIS Database), world's largest aeronautical information system, which will centralize high-quality global data into a single database with enhanced capabilities compared to the current system.

Thanks to the company's development, EUROCONTROL has successfully launched the first version of the eEAD system in "shadow" within a secure environment where Early Adopters can test, execute and validate functionalities in a safe, operationally simulated environment. This allows for the coexistence with the current EAD (European AIS Database), which will continue to operate to ensure the reliable processing and distribution of worldwide NOTAMs and pre-flight information services.

"This Digital Platform constitutes a landmark achievement in the digitization of air traffic management, paving the path to infrastructure independence and full use of the cloud in the European aviation. EUROCONTROL's pioneering achievement will optimize operations and pave the path to addressing future challenges in a more streamlined and cloud ready manner. Indra is proud to play an important part in this innovative step, which reaffirms our commitment to provide innovative solutions within the industry so as to contribute to sustainable aviation in Europe and on a global scale", declared Victor Martínez García, head of Indra's Air Traffic Management (ATM) business for Northern Europe and Canada.

About integrated Network Management (iNM)

Known as iNM, the integrated Network Management programme will revolutionise the EUROCONTROL Network Manager's operational systems by the end of the decade, introducing a powerful, scalable, and integrated digital architecture that will drive greater efficiency, safety, and sustainability across the European aviation network.

About Indra

Indra is a leading Spanish multinational and one of the foremost global defence, air traffic and space companies that, through technology, protects our current way of life and anticipates the needs of the future. Its committed team of experts, its in-depth knowledge of the business and the latest technologies, and its unique innovation and systems integration capabilities make it the trusted technology partner for key operations and digitalization for its customers around the world. Thanks to its leadership in major European programs and projects, as well as its spirit of collaboration and partnership strategy, it drives the industrial and innovative ecosystem in these sectors.

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About EUROCONTROL

EUROCONTROL is a pan-European, civil-military organisation dedicated to supporting European aviation. As Europe's Network Manager, we play a central coordination role, using our technical expertise to support Member States and a wide range of stakeholders (air navigation service providers, civil and military airspace users, airports and aircraft/equipment manufacturers). We strive to make European aviation safe, efficient, scalable, cost-effective and environmentally sustainable, partnering with the European Union to make the Single European Sky a reality.

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