

# News

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## Driving innovation and collaboration with AI

*Raunheim, 12<sup>th</sup> December 2024.* Lufthansa Systems hosted its first-ever NetLine AI Hackathon. The event summoned over 60 professionals from across its NetLine community to explore the potential of cutting-edge artificial intelligence (AI) technologies for the product suite. With a focus on AI innovation and collaboration, the two-day event took place in a hybrid format, combining a live session at the Budapest office expanded by online participation. The hackathon led to exciting outcomes, showcasing the impact of AI-driven solutions on aviation operations and highlighting the importance of collaboration in this field.

Participants worked on pre-defined use cases. They had access to data sets and tools, as well as support from Microsoft mentors, who provided insights on state-of-the-art AI and generative AI technologies. The hackathon featured two dedicated tracks tailored to participants' skill levels and objectives. The innovation track addressed AI specialists focussing on product-oriented developments for the NetLine suite. The exploration track provided a hands-on experience for participants new to AI.

Several product developments were showcased throughout the event, highlighting the value of AI in aviation technology specifically for the NetLine suite. Among the standout developments was the AI enhancement of the SSIM telex assistant, a tool designed to automate and improve slot management operations. Another highlight was the improvement of the Crew Pairing Assistant, where AI was used to optimize aircraft rotation schedules.

“The NetLine AI Hackathon exemplified the power of collaboration and innovation. Our developments demonstrate the practical applications of AI in creating smarter, more efficient processes, further advancing technology in aviation. It was inspiring to see such a diverse group of participants – from product owners to test engineers – come together to push the boundaries and explore the future of AI in aviation and our NetLine portfolio,” said Dániel Berecz, Head of Engineering at Lufthansa Systems.

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