

## Press Release

### Munich Airport adopts Amadeus' A-CDM solution improving flight departure planning & runway capacity

- *Amadeus Airport Sequence Manager, part of the A-CDM<sup>1</sup> offering, contributes to optimising airport resources, reducing airlines' fuel costs, CO2 emissions, bringing benefits to the whole airport ecosystem*
- *Airport reduces runway waiting time by 50%, limiting fuel wastage as a result*
- *Munich's inbound delays, compared to outbound flight delays improved by 24%*

**Madrid, Spain, 4<sup>th</sup> March, 2015:** Amadeus, a leading technology provider for the global travel industry, today announces that it has contributed to optimising the airport resources of Munich Airport, one of the busiest European airports with nearly 377,000 aircraft movements in 2014, since it started using Amadeus Airport Sequence Manager. Munich Airport has adopted and deployed the Amadeus solution as part of the A-CDM initiatives that the airport has been implementing and pioneering since 2007.

Amadeus Airport Sequence Manager was developed in collaboration with Munich Airport who acted as a consultant partner during the whole development process. In its constant strive to maximise efficiency, the airport, previously using an inhouse optimisation tool, was looking for a new solution to further enhance the overall airport capacity. Difficult weather conditions were of particular interest and thus de-icing operations were included in the departure sequence.

The Amadeus solution helps Munich Airport unlock airport capacity and reduce slot wastage. The impact of adverse conditions on flight departure planning is reduced, in particular with de-icing procedures and in thunderstorm conditions. The innovative de-icing sequence functions will help the airport limit the impact on airport operations while improving departure time. In addition, the impact of departure restrictions caused by thunderstorms is also limited, contributing to an optimised usage of airport resources. As a result, the capacity of the airport's runways is maximised and better internal coordination is achieved thanks to the common situational awareness tool provided for all participants in airport operations.

Despite the fact that the solution was recently deployed, results have been observed and include the following:

- Reduced waiting time at the runway head by 50%
- Improved flight slot adherence by 22%
- The inbound compared to the outbound delay improved by 24%

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<sup>1</sup> Airport Collaborative-Decision-Making

**Michael Zaddach, Senior Vice President IT, Munich Airport** commented: "Although we were already using a inhouse airport optimisation solution, we looked for a partner to develop a next-gen application that would include a de-icing module. Amadeus was best positioned due to their experience in the global travel industry coupled with their technology platform for airports. Amadeus Airport Sequence Manager contributes to taking our A-CDM initiatives further and brings the capacity of our runways to the maximum level possible. Ultimately, we are convinced that it will play a part in achieving operational excellence, taking Munich Airport to the next level."

"Many airports today are largely constrained in their ability to transform the efficiency of airport operations, and are not able to share accurate information across all channels in a timely manner. We have listened to Munich Airport, one of the most innovative in the industry, to develop a solution totally adapted to airports in need of achieving operational excellence, regardless of their location or size. The deployment of Airport Sequence Manager has led to a shared situational awareness among all airport partners which has created a more integrated, intelligent airport system with some good initial results," commented **John Jarrell, Head of Airport IT, Amadeus**.

For more information about Amadeus and its offering for airport operators, please visit [www.amadeus.com/airport](http://www.amadeus.com/airport)

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## Notes to the editors

### About Amadeus

Amadeus is a leading provider of advanced technology solutions for the global travel industry. Customer groups include travel providers (e.g. airlines, hotels, rail and ferry operators, etc.), travel sellers (travel agencies and websites), and travel buyers (corporations and travel management companies). The Amadeus group employs around 10,000 people worldwide, across central sites in Madrid (corporate headquarters), Nice (development) and Erding (operations), as well as 71 local Amadeus Commercial Organisations globally. The group operates a transaction-based business model. Amadeus is listed on the Spanish Stock Exchange under the symbol "AMS.MC" and is a component of the IBEX 35 index. To find out more about Amadeus please visit [www.amadeus.com](http://www.amadeus.com), and [www.amadeus.com/blog](http://www.amadeus.com/blog) for more on the travel industry.

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