

PRESS RELEASE

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ADB SAFEGATE introduces ALIS; the industry's first real-time Airside Location-based Inspection and Service solution

Easy to implement cloud solution takes airfield maintenance into the digital era, helping airports reduce downtime and significantly improve operational availability

ADB SAFEGATE has introduced its new digital Airside Location-based Inspection and Service solution (ALIS) for scheduling and tracking of airside maintenance actions. The cloud-based solution replaced manual, paper-based systems to enable a more reliable and fail-safe approach to collaboration between maintenance teams, managers and even airside operations, by eliminating inefficiencies caused by human error.

ALIS helps airports easily register airfield and gate assets using GPS data, electronically schedule and track maintenance in real-time, and record maintenance and inspection tasks. Using GPS data to precisely track asset location eliminates the need for expensive RFID tags or scanners. Easy to implement and use, ALIS was conceived by airport maintenance experts keeping in mind very specific requirements including the need to achieve compliance with ICAO and FAA standards.

The system map view provides the perfect workflow between airside operations and the maintenance teams. With observations reporting, operations can capture the exact location, status and even photos of the asset and immediately upload it to ALIS for maintenance scheduling.

ALIS can also be integrated with an electronic wrench for accurate, ergonomic torque inspections of airfield ground lighting (AGL) fixtures. It easily integrates torque measurements and photometric measurement reports to provide a complete view of the asset's status. This allows airports to manage resources more effectively and improve the safety and longevity of airside assets.

The Detroit Metropolitan Wayne County Airport is already using ALIS to track its maintenance data—specifically, the torqueing of the airport's in-pavement lights—on its runway 1 and will soon be using the solution on all six runways. A Wi-Fi-connected torque wrench sends data to an iPad which transmits the torque values to the database via cellular connection to automatically link with the ALIS software. Managers can download data and analyze it to better monitor the performance of airfield lights, schedule and assign maintenance tasks, and track the maintenance history and lifecycle costs for all airfield assets.

ALIS is also in use at McCarran International Airport in Las Vegas, the Birmingham Airport in the UK and Qatar's Hamad International Airport, while projects are just getting started at Boston Logan International Airport, Cleveland-Hopkins International Airport and Heathrow Airport.

"ALIS is giving our customers increased visibility of airside assets, helping them plan and schedule preventive maintenance, or undertake corrective maintenance more quickly," notes



Christian Onselae, CEO, ADB SAFEGATE. "ALIS is a key component of our Airfield+ service offering that combines exclusive tools with our extensive knowledge to reduce downtime, increase availability and ensure smooth operations for our customers."

Watch the [product video](#) to learn more about ALIS.

About ADB SAFEGATE

ADB SAFEGATE provides integrated solutions that raise efficiency, improve safety, boost environmental sustainability and reduce operational costs for airports, airlines and ANSPs. The company works with airports and airlines to solve operational bottlenecks from approach to departure. Solutions encompass airfield lighting, tower-based traffic control systems, intelligent docking automation and services, as well as applying advanced IT and analytics to deliver industry-leading Total Airport Management.

With more than 1,200 employees, ADB SAFEGATE serves more than 2,500 airports in more than 175 countries, from the busiest and largest like Atlanta, Beijing, Dubai, Heathrow, Charles De Gaulle, Frankfurt, Istanbul, New Delhi and Changi to fast-growing airports across Asia and Africa.

For more information about ADB SAFEGATE, please visit our website at adbsafegate.com.

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