

PRESS RELEASE

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ADB SAFEGATE to create the most intelligent airfield at the world's largest airport in Istanbul, Turkey

To support the largest airfield lighting implementation of 35,000 intelligent LED airfield lights, and ensure efficient and safe operations

Istanbul New Airport, expected to be the world's largest airport, will serve as Turkey's primary airport and a hub between Europe and Asia. It will replace the city's existing international airport, the Atatürk Airport, where ever-growing traffic is causing congestion, and expansion is not feasible due to its location. İGA, a joint venture founded to construct and operate the new airport in four phases, has picked ADB SAFEGATE to conduct an AGL design review and install its intelligent airfield solutions including intelligent LED ground lighting and visual aids. These will improve throughput and efficiency, and enable safer and more sustainable operations.

"Once all phases are complete, the Istanbul New Airport will serve over 200 million passengers annually to more than 350 destinations. Innovation, efficiency and safety are imperative to ensure that the airport is congestion-free and traffic flows smoothly, even in adverse conditions," said Yusuf Akçayoğlu, CEO, İGA Airports Construction "With ADB SAFEGATE working closely with us right from the design review to implementation, we know that together we can truly deliver seamless and future-proof operations."

ADB SAFEGATE is responsible for the complete visual guidance approach, starting with a comprehensive airfield ground lighting (AGL) design review to assess and implement an AGL solution to best suit the airport's needs. ADB SAFEGATE proposed equipping the taxiway system with full switching ability and the addition of a single and double channel Individual Light Control and Monitoring System (ILCMS). With intelligence built into each light fixture, the ILCMS will control the lights individually or by defined segments, rather than selected circuits, providing large gains in power savings and making maintenance easier and more cost effective. The state-of-the-art intelligent lighting will also allow increased flexibility in guidance and routing. Fully equipping the taxiway system with our sustainable solutions will ensure safe operations in all visibility conditions, and the flexibility to optimize capacity and throughput.

With 35,000 intelligent LED lights powering the airfield runways and taxiways, this will be the world's biggest AGL implementation. ADB SAFEGATE will also supply and commission all visual aids including transistor regulators, transformers, approach solutions (flashers, PAPI, approach lighting), energy efficient power solutions and mounting equipment. The deal was signed in September 2016 and deliveries begin this year, continuing into 2018.

"Our customers can count on the completeness of our offering in the key domains of airport operations including services," said Christian Onselae, CEO, ADB SAFEGATE. "Our approach is solid, and considers how each airport can maximize its capacity and performance. We offer solutions to match the needs of the airport, with the option to customize if needed. We look



forward to a long-lasting relationship with IGA and helping them realize their vision of making the world's largest airport project at Istanbul a resounding success."

About ADB SAFEGATE

ADB SAFEGATE is a leading provider of intelligent solutions that deliver superior airport performance from approach to departure. We partner with airports and airlines to analyze their current structures and operations, and jointly identify and solve bottlenecks. Our consultative approach enables airports to improve efficiency, enhance safety and environmental sustainability, as well as reduce operational costs. Our portfolio includes solutions and services that harmonize airport performance, tackling every aspect of traffic handling and guidance, from approach, runway and taxiway lighting, to tower-based traffic control systems and intelligent gate and docking automation.

ADB SAFEGATE has 900+ employees in more than 20 countries and serves some 2,500+ airports in more than 175 countries.

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

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