

Smarter airport operations

What if all the different parts of your airport communicated and worked seamlessly together as one? Imagine one integrated operational process from approach to departure. This would provide the necessary operational support for a seamless, optimized procedure that guides aircraft during approach and landing, taxiing to the gate, and back out again, across the airfield to the departure runway – tailored to maximize your airport's throughput and safety.

To turn this vision into reality will require a solution that integrates and intelligently supports or automates many different guidance and traffic control functions, including tower control systems, airfield lighting, docking control and gate management. Then, with aircraft time on the ground always at a minimum, airports can fully use their available capacity and safely handle more traffic with their existing facilities.

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 2,000+ airports in more than 175 countries.

adbsafegate.com



To power your
**airport
performance**



Together

to power your airport performance

Providing superior airport performance from approach to departure is the vision behind ADB SAFEGATE. We bring nearly 70 years of experience helping more than 2,000 airports worldwide with aircraft ground guidance systems. We understand the demands on the tower, airfield and gate. We know that airports need to create intelligent, highly-integrated airport operations that continuously raise performance. And we recognize it is vital to support operational integration programs like Airport Collaborative Decision Making (A-CDM), Follow The Greens (FTG) and direct requirements such as the SESAR PCP initiative.

Foundation for fully integrated solutions – The tower, gate and airfield portfolio

ADB SAFEGATE offers one of the industry's most extensive airport operations product and service portfolios as the foundation for fully integrated solutions to support airport development. We use our operational know-how to enable all parts of an airport to work together as one to increase airport performance.

Tower

- increased ATC performance

Air traffic controllers tackle complex considerations while controlling the operational process and workflow. ADB SAFEGATE solutions support air traffic controllers and other stakeholders to find the optimized throughput and the safest way from touchdown to take off. By considering the airport as one operational entity and enabling the supporting systems to operate as one, we enable air traffic controllers to gain full control over aircraft and vehicle movement at all stages, and future-proof an airport's traffic management.

Gate

- automated and efficient gate operations

Not only is it crucial to shorten the turnaround time, but also to minimize the risk of accidents in the gate and apron area with its continuous flow of people, aircraft and ground vehicles. Our automated platforms for safe and efficient apron management and aircraft docking provide real-time intelligence for stakeholders in the turnaround process to achieve the best sequencing for departure flow management and predictability.

Airfield

- safer, more efficient and sustainable

Airfield lighting is vital for ATC to provide visual guidance for pilots to land, taxi and take-off safely and efficiently. Including intelligence in the airfield lighting opens up new operational capabilities in terms of active guidance and monitoring for multiple stakeholders. Compliant and smoothly integrated with complementary systems, these solutions improve airfield availability, performance, safety and energy efficiency.

Service

- greater availability, safety and performance

With experience spanning 20+ years in services and support, ADB SAFEGATE understands that airports require a variety of technical support services including maintenance and training. Our portfolio is able to meet all airport needs from concept of operations down to Gate and AFL design, to audit and survey, project management and various maintenance packages going all the way up to full maintenance.



With our expertise in integration, operational procedures and services and maintenance, we manage projects from start to end. This allows us to ensure the world's busiest airports operate smoothly and in the most efficient way, all the way from approach to departure.


ADB SAFEGATE