

Harmonize your
tower solutions with
**System
Integration**

ONECONTROL
Integrated Controller
Working Position




**ADB
SAFEGATE**

How can you effortlessly stay on top of things?

A complex issue

Air traffic increases at a tremendous speed, bringing airports to their capacity limits and making operations increasingly complicated. To meet the demand, many airports put systems into place that support controllers in their daily work. However, if not harmonized, these systems can add to the workload of controllers. Without satisfactory system interaction, controllers are forced to monitor even more screens or using multiple input devices.

The ADB SAFEGATE Solution

ONECONTROL – as a part of the ADB SAFEGATE Tower ATM package – offers a truly integrated solution, bringing all systems required by air traffic/apron controllers in their daily work onto a single screen. With a consistent layout and user experience, the controllers are able to focus on their real task: managing air traffic.

OneControl is your next level Integrated Controller Working Position (ICWP). By integrating our well-established product modules into a single screen application, OneControl provides a flexible platform that increases safety and efficiency. By aggregating information from different systems, there are many benefits to be had. In addition, OneControl is easily expandable, allowing users to add functionality without the need of major infrastructure adaptations.

The central element is a map display, showing the airport or airspace, including:

- ▶ Exact location of targets detected by different radar sources and correlated flight data, e.g. call sign, aircraft type or route
- ▶ Stand status information such as occupied stands, stands with conflicts or stands where the docking procedure is in progress
- ▶ Airfield Ground Lighting (AGL) status information, e.g. taxiway centerline lights, runway centerline lights etc. and the possibility to control them



Routing and
Guidance

A-CDM Support

Advanced
Safety Nets

Pushback
Support

A-SMGCS

Workflow

ALCMS

Apron
Management

Surveillance

Flight Data

Airfield Ground
Lighting

Docking Systems

Put OneControl at the heart of your operations

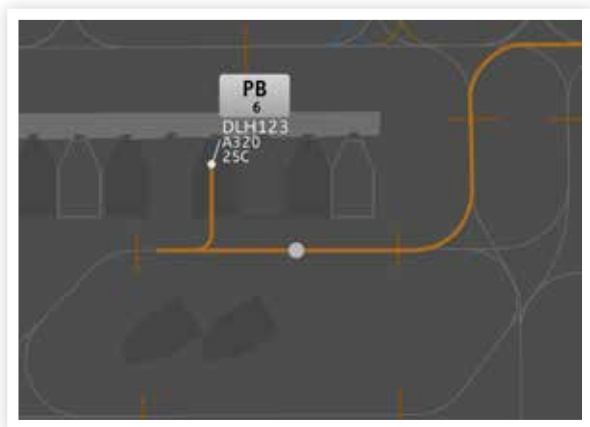
Main Display Area

The airport or airspace map forms the central part of One-Control, where only the most relevant information needed in the daily operations are shown. Various layers that provide additional information can be enabled on demand.



Widget Area

Additional widgets for all sorts of information are provided and might include flight strips for building a sequence of flights, Info Views containing weather data, nav aids and other interface status, runway operation mode, CCTV cameras and flight sequence windows. These widgets can be placed freely based on the airport's needs.



The integration of information brings superior functionality:

- ▶ Improved routing & guidance, including Follow the Green
- ▶ Enhanced safety by combining surveillance data with other kinds of information
- ▶ Pushback Support, showing what procedures are available and selecting the most efficient one
- ▶ Stripless workflow support, allowing users to enter clearances at aircraft labels.
- ▶ Gate conflicts, detecting overlaps in gate assignment based on actual position data of aircraft, or showing occupied or closed parking positions



Key Features

- Harmonized user interface integrating various systems into a single screen solution
- Open and modular architecture
- Stable platform based on proven solutions
- Possibility to include surveillance, flight plan and progress, apron and AGL information
- Possibility to choose building blocks based on operational demands

Benefits

- Increased safety and efficiency
- Additional functionality through aggregation and clever computation
- Reduced workload through consistent user interface and single input device
- Easily expandable without major investments in infrastructure



Interested by understanding how OneControl can benefit your operations? Contact us at marketing@adbsafegate.com or find your right contact partner at adbsafegate.com.

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.

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