



## A future of seamless, sustainable and safe airside operations.

**Seamless Automation:** End-to-end Apron and Tower solutions, designed by controllers for controllers, deliver unmatched efficiency and safety across airport operations.

**Proven Excellence:** 30 years of pioneering Airport Ground Surveillance, setting industry benchmarks with scalable, modular, and highly deployable systems.

**Future-Ready Innovation:** Built on a service-oriented architecture, OneControl adheres to SESAR and ICAO standards, ensuring seamless integration and global interoperability without major infrastructure investments.

### Scalability

Configurable to match specific functionality and size needs.

### Modularity

Service oriented architecture with functionality and services bundled as needed.

### Seamless Integration

Integrate existing and new functionality on a common platform.

### User Experience

Consistent, modern user interface developed together with end users

### Future Proof

Technology stack and architecture based on modern technology.

### Standardized Interfaces

Functionality can be extended allowing the system to grow with the airport



The services of OneControl can be combined in a standard way like traditional ATM products or freely as a fully flexible Integrated Controller Working Position:

OneControl Solution	Description
<b>OneControl Ground</b>	Advanced Surface Movement Guidance and Control System (A-SMGCS) Ground Radar Display for situational awareness in all weather situations, complemented with Airport Safety Support Service, Routing and Guidance Service.
<b>OneControl Air</b>	Radar Display for airborne traffic, used at small approach centers or combined tower/approach units, to display position of aircraft on approach and early airborne phase. Includes standard set of alerts (STCA, MSAW, APM, APW).
<b>OneControl E-Strips</b>	Electronic Flight Strip Solution replacing paper strips with digital strips including workflow support to indicate next actions for controllers and enabling silent coordination between ATC units and seamless information sharing between different airport stakeholders.
<b>OneControl DMAN</b>	Departure Manager functionality for optimized runway operations and coordination between airport, tower and approach planning. Follows the Eurocontrol A-CDM guideline and supports including DPI message exchange with air traffic flow management units. TODO: should we mention de-icing as well? YES, PLEASE
<b>OneControl ICWP</b>	As a fully Integrated Controller Working Position (ICWP), the OneControl platform allows to extend the traditional products and combine different services flexible depending on operational or technical responsibilities.
<b>OneControl SDF++</b>	The Sensor Data Fusion is the backbone of most tower solutions. OneControl SDF++ puts the performance in accuracy and reliability to the next level.
<b>OneControl Integration Platform</b>	The Integration Platform provides a standard communication layer between the different OneControl services and between OneControl and the outside world.

The core functionalities of OneControl are provided by a large number of services:

 <p>Routing Service</p>	 <p>Airport/Air Safety Support Service</p>	 <p>Surveillance Service</p>	 <p>Guidance Service</p>
 <p>Flight/Tow Schedule Service</p>	 <p>Workflow Service</p>	 <p>Flight Strip Service</p>	 <p>CPDLC Service</p>
 <p>Stand Status Service</p>	 <p>Pushback Service</p>	 <p>Sequencing Service</p>	 <p>AGL Service</p>
 <p>Digital Tower Service</p>	 <p>Statistics Service</p>	 <p>MET Service</p>	 <p>Info Service</p>



## Shaping Industry Standards.

OneControl is built to meet the highest European and international standards, including the SESAR Masterplan (Future Delivery Model) and ICAO System Block Upgrades (SBU). These frameworks drive innovation in air traffic management through scalable, phased, and interoperable solutions.

## Strengthen Industry Collaboration

ADB SAFEGATE actively participates in leading aviation working groups such as EUROCONTROL, EUROCAE, ICAO, CANSO, and others. These partnerships ensure we deliver future-proof solutions aligned with global standards, advancing seamless, efficient, and safe airport operations.



## Why Choose Us?

- **Proven Expertise:** 30+ years providing end-to-end Apron and Tower Automation Solutions.
- **Advanced Solutions:** Highly deployable Integrated Controller Working Positions and digital tower systems.
- **Customer-Centric Approach:** Flexible, scalable solutions tailored to every airport size, backed by exceptional service and certification compliance.
- **Innovation:** Superior surveillance, cutting-edge tracking tools, and HMI designed by controllers for controllers.

## Facts & Figures

### ABOUT ADB SAFEGATE

- First ASMGCS. The worldwide first ASMGCS has been successfully commissioned by ADB SAFEGATE in 1998 at Oslo Airport, Norway.
- Over 80 site installations. Proven track record of providing sophisticated tower solutions at some of the world's most challenging airports across Europe, Asia, and the Middle East.
- 30 years domain expertise. Almost three decades of vast experience in deploying modular Apron and Tower Automation Systems. Designed by Controllers for Controllers.

**170**  
Countries

**2700**  
Airports

**1700**  
Employees

**100+**  
Years of  
Experience

We support Tower solutions at more than 40 airports around the world. Notable references include:



#### Austria

- Vienna Airport
- Graz Airport
- Klagenfurt Airport
- Linz Airport
- Innsbruck Airport
- Salzburg Airport
- MoD Airbases

#### Switzerland

- Geneva Airport

#### Germany

- Frankfurt Airport
- Munich Airport
- Hamburg Airport
- Nuremberg Airport
- Hannover Airport
- Düsseldorf Airport
- Berlin Airport

#### Romania

- Bucharest Airport

#### UK

- East Midlands Airport
- Leeds Airport
- Glasgow Airport
- Prestwick Airport
- Birmingham Airport

#### Indonesia

- Jakarta Airport

#### United Arab Emirates

- Abu Dhabi Airport

#### Pakistan

- Lahore Airport

#### Portugal

- Lisbon Airport
- Porto Airport

#### Estonia

- Tallinn Airport
- MoD Airbase

#### Albania

- Tirana International Airport

#### Nepal

- Tribhuvan International Airport (Kathmandu)

#### India

- Lahore International Airport

#### South Korea

- Yang Yang Airport

#### Kuwait

- Kuwait Int. Airport

#### United States

- New York JFK

#### Vietnam

- Long Thanh Int. Airport

#### Colombia

- El Dorado International Airport (Bogota)

#### Contact us

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