



GROUND SERVICES TO THE AVIATION SECTOR

# CONCEPT INTRODUCTION

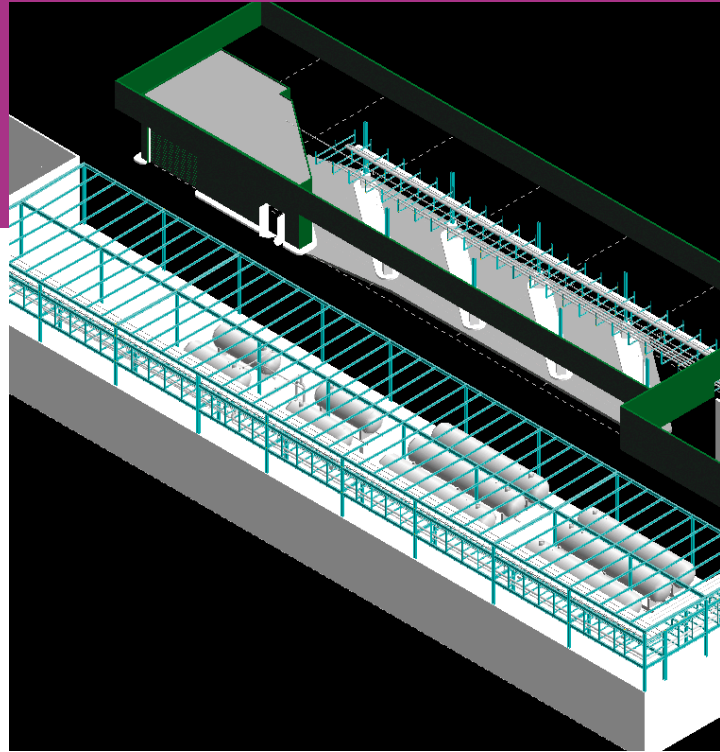
**CHEMSIS has developed in cooperation with AIG (Aéroport International de Genève) an innovative “all-in-one” concept for ground services to the aviation sector.**

## **Why an innovative “all-in-one” concept?**

- A compact layout (6 000 sqm) dedicated to 500 airplane movements per day and free of any dedicated operators.
- A fully automated control & IT system with a possible connection to the airport ERP.
- A single & dedicated area for optimized logistics.
- A modular, flexible & repeatable construction.
- Very high availability.
- Quality control policy with sampling devices.
- Closed Circuit Television of the installation.
- Integrated access control.
- Environmental friendly concept (low consumption buildings, 550 000 kWh/year of solar energy, 5 200 sqm of solar panels, waste water collection).

## **Benefits:**

- Competitive running cost.
- Easy to use installation.
- Hassle free concept.

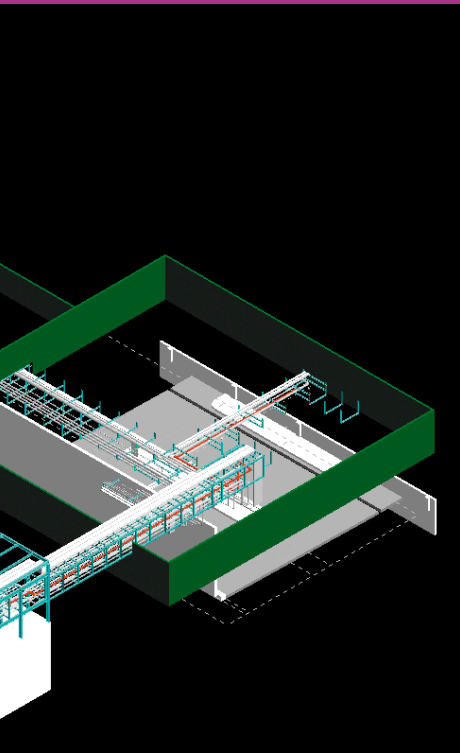


## Project requirements

**Airplanes need to be prepared before flying.  
Ground services are required:**

- Airplane anti/de-icing distribution & control.
- Runway deicer distribution & control.
- Airplane waste toilets collection & treatment.
- Airplane drinkable water & antiseptic solutions supply.
- Ground vehicle fuel distribution.



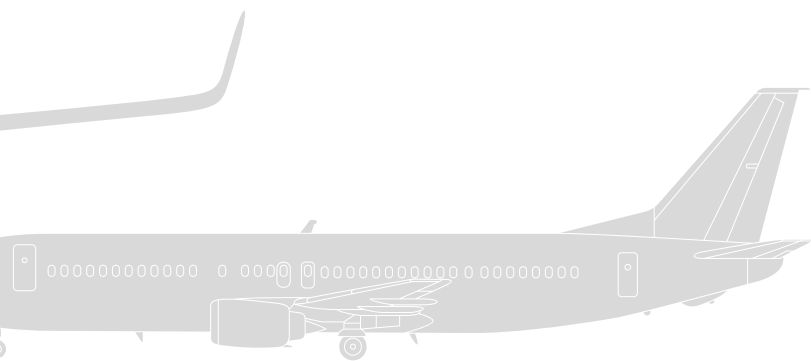


CHEMSIS PACKAGE	LOCAL CONTENT
<b>Supply</b>	
Conception & design	Civil work
Automation	Framework
Electrical work including cabinets	General utilities
Piping & insulated skids including vessels, pumps and valves	Heating Ventilation Air Conditioning
Unloading, storage & loading skids	Final connection to the skids (piping & electrical)
<b>Services</b>	
Overall project management	Execution drawings for above mentioned supply
Basic design	Local regulation
Detailed design	Permitting
Site work supervision	Administrative engineering
Commissioning & start-up	



# Fluid & product list

- Anti-icing type 1 and type 4
- Hot water
- De-icing (liquid and solid)
- Drinkable water
- Antiseptic solution
- Waste
- Fuel (3 different types)





## Contact us

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