



# ARCA

GALLEY SYSTEM

Incredibly efficient, exceptional innovation



## Greater efficiency for a new era of flight

The ARCA Galley System redefines the interior layout of future aircraft service areas. The design makes use of a new, stacking meal-service system that increases space efficiency and facilitates a reduction in the galley footprint. This has direct benefits in aiding airlines to recover lost space, allowing additional seats or extra monuments to be considered. In addition, ARCA stands apart with its sustainable and hygienic advantages that set new standards for meal-service activities.



## ARCA Galley Systems

### Philosophy

To redesign a galley it is necessary to understand every component that makes up the whole. We have analysed each individual part of the galley service to explore how we can make it more efficient to meet today's current needs and beyond. ARCA is our holistic reworking of the aircraft galley, innovative and adaptable all round.

### Space-savings

ARCA caters for the same number of passengers within a smaller footprint, thereby enabling airlines to reclaim lost space compared to a traditional configuration.

The ARCA design facilitates the replacement of heavy and expensive trolley equipment, which translates into a beneficial weight-saving.

### Innovative and sustainable

ARCA reduces waste, offers compostable and recyclable packaging to enable zero landfill flights.

### Efficient meal-service

Passengers and airlines can benefit from customised meal packs. The passenger can enjoy a wider variety of pre-selected options, resulting in less food wastage.

For their part, airlines can enjoy knowing the packaging is as eco-friendly as possible, promoting recycling once back on the ground.

### Hygienic advantages

Minimal handling is essential for hygienic food distribution. Sealed, chilled boxes allow for less interaction with open food content.

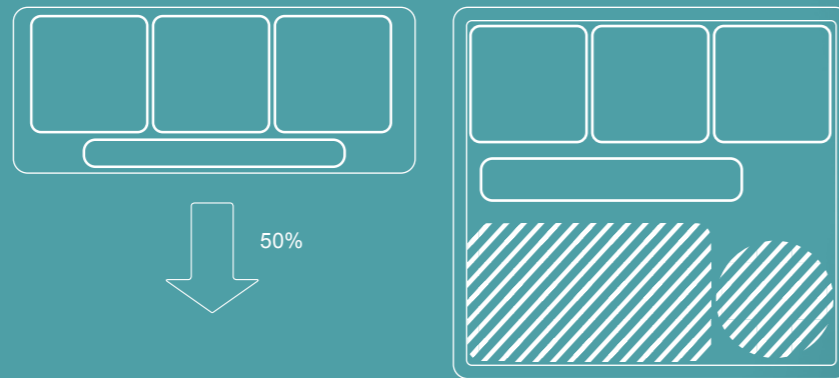
### Highly customisable

ARCA's architecture seamlessly integrates into the existing airframe. Central crew areas are easily configurable so familiarity and efficiency are not compromised.

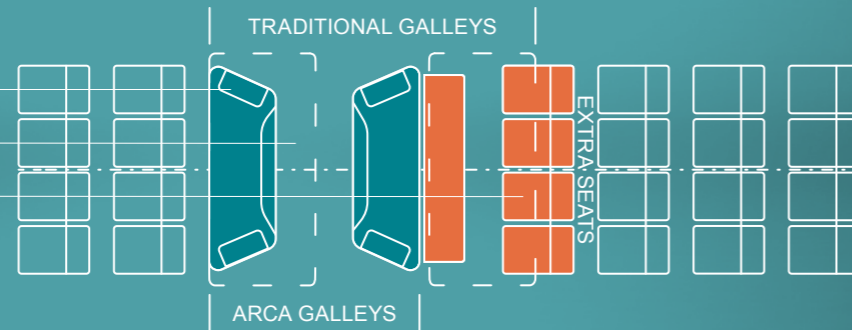
ARCA Galley Systems can be adapted to single-aisle galleys.

The meal boxes can be uniquely designed with the latest brand graphics.

Common meal-tray  
ARCA meal-packs save up to 50% of space.



ARCA galley footprint  
Traditional galley footprint  
Additional seating and stowage



The ARCA philosophy can be replicated at all galley locations.

ARCA Meal-Pack.  
The hot meal snaps securely into the pack



Easy meal service  
Meal packs nest within carrier boxes, allowing easy distribution aided by foldable trolley.

ARCA introduces a new hygienic boxed-meal system instead of set-meal trays. The pack is stackable and has a much smaller footprint than a tray. The meal boxes can be produced in an environmentally friendly manner using the latest eco-materials.

Meals are stored in an aesthetically pleasing, refrigerated aisle-storage unit. Boxed in sets of 16, the meals can be easily moved onto a folding trolley for meal service. The crew no longer has to handle open meal trays. After the meal, the carrier boxes are repurposed into waste containers for recycling and separate compacting.

In co-operation with the catering partner, the meal-pack contents can be customised by the passenger. They benefit by receiving the food of their choice. Satisfied passengers and food-waste reduction are the likely consequences.

Standard unit stowage

Refrigerated full-height compartment for carrier boxes, 96 meals/compartment

Common inserts such as ovens, coffee makers & water boilers can be used

Extra capacity/  
Bar-cart compartments

Trash compactor

Folding-cart compartment



## Space-saving, adaptable and future proof

The highly space-efficient ARCA Galley System leads to substantial gains for the cabin and allows airlines to achieve the full potential of their aircraft layout. ARCA is adaptable and future-proof. It can be further configured to allow self-service, snack offerings, or to be used as a dedicated stowage for special meals.

The ARCA core principles are translatable to other platforms such as the A320 and B737, to maximise the true potential of this significant design.



# Exceeding Your Expectations for Comfort

AVIC Cabin Systems is an alliance of companies within the AVIC Group. The goal is to provide expertise for exceptional interiors by offering complete solutions from a single source – from the entrance area through the galley up to the main cabin. This applies to original aircraft equipment, retrofits and full-service support. Our focus is to inspire our customers and to enhance the experience of air travel for all passengers.

**AIM ALTITUDE**

**FACC**

**FESHER**

**JIATAI**

**THOMPSON AERO SEATING**