

# PASSENGER TERMINALWORLD



**20<sup>th</sup>**  
ANNIVERSARY  
YEAR

## Silver lining

Cloud computing can help airports slash operational costs and reduce overheads, freeing up cash to invest in the passenger experience

**BAGGAGE HANDLING**  
The do-it-yourself approach is taking over the baggage drop-off process

**ASSET MANAGEMENT**  
How building information modeling can help improve operations

**DESIGN CHALLENGE**  
The winner of the 2014 seating competition is revealed!



**DESIGNER:** Nicolás Vitale and Pablo Szlagowski,  
architects, GTA-GIAI, University of La Plata  
**COUNTRY:** Argentina  
**DESIGN NAME:** A(i)rmchair



A(i)rmchair is designed for passenger terminal economy class lounges and provides the comfort needed for long waits. The comfort provided by airplane seats, which are sometimes used for a shorter duration than those in the airport, is extrapolated to the terminal seat, providing passengers with space for relaxation, connectivity, energy charge, secure hand luggage storage and entertainment; it is a "fully serviced landscape".

The extendable seat refers to Archigram's Cushicle and Log-plug, and can be used as a conventional seat or chaise longue. The seat is designed to be arranged in a series, but with single armchair comfort.

The chair becomes an armchair due to the moving side and seat sections. It includes unfolding

support tables, touchscreens with information about flights and destinations, a reading light, ports for USB, AC and sound, all of which are available for purchase via an electronic device or credit card. The space under the seat allows for the safe storage of standard-sized hand luggage when sleeping. The back bar provides structural rigidity, connectivity and power to the seats.

Using recycled materials and standard parts from aircraft seats reduces the cost, and this ensures the durability of the system. The seats can be placed freely in lounges – only fixed by their power connection. This design changes the concept of the waiting room seat; A(i)rmchair is much more a refuge of comfort and safety than a single row of seats.



**Judges' comments:**  
"This seat looks comfortable and gives the passenger a wide range of options while waiting for the departure. The retreating aspect is very important for passengers nowadays. This seat fulfills most of the passenger's requirements. The use of luggage to support the reclining part is very interesting but may raise the question of stability owing to the different sizes of suitcases." **Pascal Berberat**



AGT is a composite bench that is designed for contemporary spaces. Suitable for both indoor and outdoor usage, its robust and dynamic design makes it ideal for waiting lounges and urban environments. Produced from stainless steel and extruded composite seating, it is both durable and elegant. Being stackable, it saves space and enables easy transportation and storage. Available in a variety of colors, the AGT composite bench uses minimal materials for an enhanced design.

**DESIGNER:** Dr Hakan Gürsu, Designnobis  
**COUNTRY:** Turkey  
**DESIGN NAME:** AGT Bench



Airports looking for a durable seating option with a classical design could install the stackable AGT bench



**Judges' comments:**  
"This is a good, simple concept with manufacturing and assembly central to the design. It is visually light with strong, clean lines. Although low on user features, the stacking ability is a plus for some markets. The seat is hard so scores low for comfort; however, the design can be used outside, which could increase marketability." **Paul Williams**