SageGlass
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Elevating Passenger Experience with Dynamic Design

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The Airport Comfort Gap

Delivering a first-rate travel experience is critical to the bottom lines of airports and airlines. However, airports around the world often struggle to provide the level of both thermal and visual comfort passengers want.[1]

Thermal Comfort
50% of air travelers expressed displeasure with thermal comfort

Natural Light
48-70% of air travelers expressed preference for more natural light

Glare Control
36% of daylight hours in some terminal applications can cause glare for occupants

Brownsville South Padre Island International Airport (BRO)

The Smart Window Advantage

During an occupant study at BRO, respondents were

2-3x more likely to be satisfied

when smart windows were operational.

Plus, they had a **26.8%** Energy Savings[3]

Enhance Comfort. Enhance your Revenue.

Uncomfortable passengers are unhappy passengers, and it is well established that happy passengers spend more in an enhanced comfort environment.[2]

1% improvement in customer satisfaction = **1.5% Boost** in non-aeronautical revenue

1. www.researchgate.net/publication/322140691_Evaluation_of_comfort_conditions_in_airport_terminal_buildings
2. www.aci.aero/News/Releases/Most-Recent/2016/08/08/ACI-releases-new-research-paper-analyzing-the-influence-of-customer-service-quality-onairports-nonaeronautical-revenue
3. Comparing July 2021 to July 2022

SageGlass Can Help

By tinting automatically in response to the sun, SageGlass® smart windows can deliver consistent comfort for passengers and employees, while helping airports achieve their operational and financial goals.

Improve Passenger Experience
Provide ample daylight and unobstructed views while maintaining thermal comfort and reducing excess glare.

Increase Revenue
Enhanced passenger satisfaction increases non-aeronautical spending.

Enhance Operational Efficiency
Reduce energy loads and meet sustainability goals.

Clear When You Want It, Tinted When You Need It

SageGlass can provide different levels of light and thermal control depending on the needs of the space. The glass is controlled by intelligent software that understands the weather, the position of the sun, building orientation, and other factors like occupancy and time of day, to maximize daylight and to ensure occupants stay comfortable year round.

CLEAR	LIGHT	MEDIUM	FULL
Maximum sunlight when no glare control is needed	Moderate protection from glare and heat while still allowing sunlight in	Stronger heat and glare protection with less sunlight admitted	Maximum available glare and heat control with minimal sunlight admitted

Key Applications

Gate Areas & Restaurants

Bring the architectural wow while prioritizing comfort in areas where longer dwell time can increase spending.

Security Checkpoints

Regulate sunlight to avoid interference with biometric and luggage screening technology to enhance the efficiency of security personnel.

Lounges

Airport lounges are no longer just a stopover. They've become destinations, where owners seek to create immersive, luxurious environments that maximize comfort and well-being.

"SageGlass plays an important role, both for energy conservation and for the indoor environment. Passengers benefit from daylight and views, but direct solar penetration can be controlled. This means better working conditions for security personnel, which in turn leads to a better travel experience."

Greg Maxam
Director of Sustainable Design at Alliance
Minneapolis-St. Paul (MSP)
International Airport

Proven Success in Aviation

With over 33 airport partners globally, SageGlass is helping shape the future of passenger experience.

ATL: Hartsfield-Jackson Atlanta International

AVL: Asheville Regional

BNA: Nashville International

BRO: Brownsville South Padre International

BWI: Baltimore/Washington Thurgood Marshall

CMH: John Glenn Columbus International

COS: Colorado Springs

DCA: Ronald Reagan International

DFW: Dallas Fort-Worth International

EYW: Key West International

FAR: Hector International (Fargo)

FWA: Fort Wayne International

GEG: Spokane International

GSP: Greenville-Spartanburg International, FBO

GVA: Geneva International

HKG: Hong Kong International

HND: Tokyo International (Haneda)

JAX: Jacksonville International

JFK: John F Kennedy International Airport, Delta Sky Lounge

LFT: Lafayette Regional

ORD: Chicago O'Hare, American Airlines Lounge

ORY: Orly Airport, Air France Lounge

MSP: Minneapolis-St. Paul International

MYR: Myrtle Beach International

PBI: Palm Beach International

PHL: Philadelphia International

PSM: Portsmouth International

RSW: Southwest Florida International

SDF: Louisville International

SEA: Seattle-Tacoma International

SFO: San Francisco International

SLC: Salt Lake City International

SYR: Syracuse Hancock International

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Learn more at SageGlass.com

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