



CASE STUDY **CHANGI AIRPORT**

FORTIFYING THE WORLD'S GATEWAY

Location : Changi, Singapore

Sector : Airport

Product Featured : Safety & Security Film



CHALLENGE

When Millions Pass Through, Safety Can't Be Left to Chance

One of the busiest and most awarded aviation hubs globally, prioritizes not just passenger experience but also operational safety at every touchpoint. Several critical challenges emerged.



SOLUTION

Optically Clear Protection, Engineered for Global Security Standards

A robust polyester-based solution crafted for critical infrastructure



RESULTS AND BENEFITS



Risk of glass breakage in high-footfall and restricted zones posed both a safety hazard and a security concern



Offers high impact resistance - Absorbing shock and preventing dangerous glass fragmentation, applied across glass partitions and check-in zones



Enhanced Passenger & Staff Safety- Prevents flying shards in case of accidental impact



Impact Containment-Maintains glass structure under duress, ensuring operational continuity



In the event of accidental impact or threat, **splintered glass could cause injuries or disrupt operations**



Maintains **full optical** clarity— No haze, distortion, or tint, even under terminal lighting conditions



Zero Aesthetic Disruption- Invisible finish preserves design intent



The film solution needed to be **completely invisible** to maintain the airport's open, luxurious design



Designed to hold shattered glass in place on impact, reducing the risk of injury or breach to boost security



Retrofitted Without Downtime- Applied in operational environment without closures



Compliance Ready-Meets global safety norms to make passengers feel safer