Innovative Design Takes Flight

Aviation Expertise
Airports should deliver a seamless and comfortable experience for all passengers, whether routine commuters or first-time flyers. Provide a passenger-centric environment with high-performing products that shape and protect your space.

We collaborate early in the process with construction and design partners to prevent project risks before they happen. Our solutions have been trusted by domestic and international companies for years and have been used in almost every airport around the globe. Our experience and expertise in managing complex aviation building issues cannot be matched, and since we have over 70 years of practice, helping you create and operate a successful facility is our specialty.

Your partner in elevating the aviation experience
What our partnership means:

We understand the daily challenges you face and want to ease these stressors. From our installation support and dedicated project management teams to customizable, durable products, we are dedicated collaborators with the knowledge necessary to guide you. Your airport will be a safe, welcoming environment for staff and passengers with us as your trusted partner.

Local Knowledge and Representation
Diverse representative network for immediate support with community-level access

Technical Expertise
Experienced teams of engineers provide custom-engineered solutions

Dedicated Project Management
Devoted operational support and information sharing to furnish complex project deliverables

Installation Support
Technical consultation and resources assist with site-specific concerns and project starts

Design Assist
From concept to implementation, we support the development of product solutions at any stage of the process

Collaboration Throughout the Process
Partnership from the beginning with your internal teams and other industry partners

Sustainability
Sustainable products backed by third-party certifications help you design healthy interior environments

Product Superiority
The highest-quality, longest-lasting and most customizable architectural building products in the industry

CS creates products that solve complex building challenges around the world:

Wall Protection
Wall Covering + Panels
Doors

Expansion Joint Covers
Entrance Mats + Grids
Fire + Smoke Vents

Architectural Louvers
Architectural Grilles + Vision Barriers
Sun Controls

Learn how we can help your aviation project. Contact us at aviation@c-sgroup.com
CS partners with firms to solve aviation building challenges. We are honored to have collaborated on building some of the most notable aviation projects around the globe.

JFK International
Ronald Reagan Washington National
San Francisco International
Chicago O’Hare International
Miami Dade International
Newark Liberty International
Fort Lauderdale–Hollywood International
Boeing Everett Delivery Center
George Bush Intercontinental
Jacksonville International
Orlando International

Hong Kong International
Mumbai International
Cairo International
New Zealand Christchurch International
Dubai World Central International
Kuala Lumpur International
Toronto Pearson International
Sydney International
Beirut–Rafic Hariri International
Norman Y. Mineta San Jose International
Bengaluru International
Design Process Partners

CS Airfoil™ Lux Sun Controls showcase the Boeing facility’s unique curvature while reducing solar heat gain and glare during the day. At night, the LED airfoil blades light up and add to an impressive facade. Our team suggested combining both scopes into one specification to the project’s senior designer. This ensured that the finishes, engineering and warranties of the adjacent cantilevered sunshades remained together as a single source of responsibility.

Custom Solutions for Unique Environments

The San Francisco International Airport requires the highest level of seismic safety within the U.S. The design of the seismic joint covers needed to accommodate four-way movement of up to 36” without compromising the architects’ design. We worked with several architecture firms to help design, detail and test each of the floor, wall, ceiling and exterior covers to prove each design would safely withstand an earthquake.

Project: Boeing Everett Delivery Center
Product: CS Airfoil™ Lux Sun Controls
Location: Terminal Exterior

Project: San Francisco International Airport
Products: SSR®/XLS® Expansion Joint Covers
Location: Terminal Floor, Wall, Ceiling and Exteriors
SSR® is Cradle to Cradle Certified™ Silver.

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Successful terminals must be equipped to sustain high volume traffic, especially when weather conditions are at their worst. A multi-zone entrance system was designed to ensure that passengers traveling through JFK International never needed to worry about tripping or slipping, and assured the facilities team that their environment was being maintained at the highest level.

Project: JFK International Airport  
Product: PediTred® SA (G7) Entrance Flooring  
Location: Terminal Entrance  
PediTred is Cradle to Cradle Certified™ Silver.

Simplicity Through Efficiency

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Project: Fort Lauderdale International Car Rental Garage  
Product(s): VAC 304, VAC 8000, and Myriad Continuous Grilles  
Location: Parking Garage Exterior

Aligning Function and Aesthetic

Sustaining hurricane force winds while implementing a unique design—this was a challenge made for us. The structure needed to match the design of the surrounding community and survive extreme weather conditions, such as 150 mph wind load and 130 square-foot wind pressure, as well as requiring 50-75 percent free area. Our extensive experience in engineering product solutions for unique environments eliminated the threat of failure or damage to the exterior facade.
Ten thousand Acrovyn® Wall Panels were installed at Reagan National Airport in 1997. The panels remain undamaged and have not slipped from their original mounts over 20 years later. Acrovyn Wall Panels have endured over 22 million travelers passing through the airport each year. The panels have not required replacement, allowing the airport to avoid frequent wall replacement and repair costs.

Complete Design Freedom

Not all wall graphics are created equally. Acrovyn by Design® takes your travelers on a visual journey by activating their imagination and creating a sense of place with large-scale graphic wall protection. Airports have discovered that Type II wall coverings do not stand up to constant, heavy traffic and trust Acrovyn by Design to protect and preserve the design of their environments.
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