



Innovating Transparencies for Aerospace

Unrivalled Expertise in Aerospace
Transparency and Safety





The Company

As the world leader in high-performance transparent solutions, Isoclima is at the forefront of technological innovation, delivering unparalleled quality, precision and protection. We specialize in crafting solutions that blend **complexity** and **customization** to meet the unique needs of our customers across Land, Air and Sea.

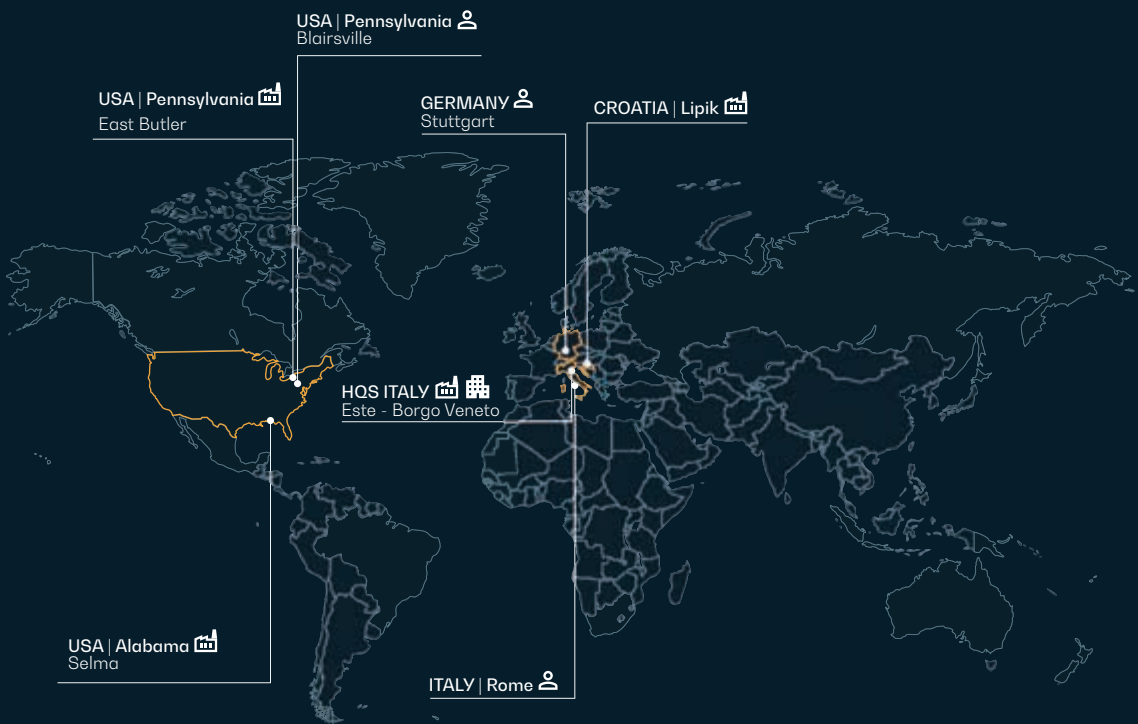
With a steadfast commitment to **security**, **safety** and **sustainability**, Isoclima sets new benchmarks in performance and craftsmanship. Through relentless investment in R&D, we drive transformative innovation, ensuring our solutions not only meet but exceed the demands of the most challenging applications.





Our Global Presence

Isoclima's global presence is a testament to its leadership in advanced transparent solutions. With manufacturing sites and offices worldwide, we create seamless synergy across our departments, ensuring collaboration and expertise are shared across all locations. This integrated approach allows us to deliver exceptional, **high-performance solutions**, maintaining the highest standards of quality, precision and innovation in every project.



Headquarters



Manufacturing
Facilities



Commercial
Officers



— Courtesy of @Leonardo, AW101

A Legacy of Innovation and Quality

Isoclima's expertise in aviation is built on decades of research and technological advancement. Our strength lies in leveraging cross-sector expertise, transforming innovation into continuous improvement. With a long-standing presence in the market, we have built a future-oriented approach driven by **research and development, co-engineering and a highly specialized team**. We design monolithic and laminated glazing in chemically or thermally strengthened glass, polycarbonate, or acrylic for military and civil aircraft and helicopters. Our **"ready-to-install"** solutions integrate composite or metallic frames to meet the sector's strict optical and impact **resistance standards**. Trusted by **Leonardo, Airbus Helicopters and Mecaer Aviation Group**, we ensure the highest standards of safety, durability and optical excellence.



— Courtesy of @Leonardo, AW169



Advanced Capabilities



Bird Strike Resistance

In-house testing and advanced material and strengthening techniques ensure durability against high-impact collisions.



EMI Shielding

Cutting-edge conductive mesh and nano-coatings for secure, interference-free performance.



De-Icing Systems

Embedded item systems for consistent functionality in extreme icing conditions.



Hard-Coating

Enhanced abrasion resistance for lasting clarity and performance.



Complex Bending

Industry-leading expertise in creating curved windshield with perfect optical qualities.



Innovative Products

— IsoLite®

Using PDLC (Polymer Dispersed Liquid Crystal) film, IsoLite® transforms from transparent to opaque instantaneously, offering unmatched privacy and light control for interiors and high-security applications.

— CromoLite®

Using SPD (Suspended Particle Device) technology, CromoLite® dynamically adjusts light transmission, making it ideal for privacy and solar control across automotive, architectural and rail applications.

— EmiGard®

A laminated composite panel that shields radiation in the kHz – HHZ frequencies range while maintaining optical transparency. EmiGard® is widely used in automotive, aviation and defense sectors.

— PC SECUR

A hallmark of resilience, PC SECUR products feature proprietary polycarbonate manufacturing methods enhanced with hard-coating, heating and solar control systems, ensuring superior strength and performance.





Our Commitment to Sustainability

At Isoclima, **sustainability** is integral to our mission. We pioneer eco-conscious innovations that reduce environmental impact while delivering unparalleled performance. Examples include:

- **Solar radiation control systems** that filter UV and infrared rays, promoting energy efficiency.
- **Weight and thickness reduction** to decrease energy consumption without compromising durability.

By embracing ESG principles and continuously refining our solutions, we advance both **environmental protection and customer comfort**, ensuring a brighter, more sustainable future.



Why Choose Isoclima?



At Isoclima, security, protection and innovation are at the core of everything we do. We combine **cutting-edge technology**, **aesthetics** and **customization** to meet the highest industry standards. From **Defense** and **Security** to **Sustainable Architecture** and **High-Performance Mobility**, our expertise spans multiple sectors, delivering tailored, future-ready solutions that anticipate evolving needs. With a relentless focus on **safety, performance and innovation**, we help shape a more secure and advanced world.



Connect with Us

Get in touch with our experts and choose the future of transparent solutions.

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