Monitoring carbon dioxide levels, humidity levels, and room temperature are key considerations to ensure a healthy indoor climate year-round.

VELUX ACTIVE with NETATMO is a smart home solution that enhances indoor comfort control through automated sensor-based management of roof windows and shading devices. VELUX ACTIVE's smart sensor monitors temperature, humidity, and CO2 levels in your home, automatically adjusting VELUX products based on real-time conditions to create a healthier home with effective heat protection. It also allows homeowners to create personalized automated settings for optimal indoor comfort.



VELUX ACTIVE with NETATMO is a smart sensor-based solution that intelligently automates the opening, closing and shading of VELUX roof windows, to deliver a healthier indoor climate for all.

## Daniele Campione, Founder of Deluxe Systems comments:

To provide a comprehensive answer, it is important to clarify that not all parts of the world are at the same level in terms of technological development in the doors and windows sector.

In Europe, and particularly in Italy, the evolution of window and door systems over the past 20 years has been exponential. We have moved from low-performance solutions to highly technological systems with advanced thermal and acoustic insulation and a strong focus on sustainability. Today, high-end windows and doors can include up to 80 percent recycled materials, automated opening and closing systems controllable via apps or sensors, and even glass with integrated photovoltaic panels.

The situation in Southeast Asia is quite different. At Deluxe Systems, we have been entering this market for the past couple of years, and in September 2025, we will inaugurate our



showroom in Singapore. We have noticed a significant delay in the adoption of these technologies compared to Europe. To bridge this gap, we believe it is essential to support architectural firms and property developers already at the design stage. This allows for targeted solutions to improve the building's energy efficiency. The response from the firms we collaborate with has been extremely positive: there is great enthusiasm for the innovations we can introduce, not only in terms of products but also in the design of the window opening, a crucial aspect for energy performance. Similarly, the property developers we engage with are becoming increasingly aware of the importance of smart and efficient buildings. This focus enhances comfort and security while also representing a key value for international buyers, who are increasingly attentive to environmental aspects.



APEXFINE Sliding Glass Door System. Photo credit: Deluxe Systems