Personal Shuttle System

The automated nature of this closed network of PAS (Personal Airport Shuttle) ensures better time management: the system is always aware of where a passenger is at any given time and how long it will take to reach any destination within the airport. With air traffic growth, airports are becoming larger and more complex. The shuttle system provides passengers with instant orientation, bringing everything inside the airport within reach.

Integrated Processes

With the revolutionary PAS system, no trip from arrival to boarding will ever take more than 10 minutes. Integrating air travel processes (identification, immigration, security, luggage handling) when driving through the airport allows for greater time optimization, while reducing queues and passenger stress points to an absolute minimum.

For a Friendly Airport of the Future

Vision

In order to make the passenger experience as friendly and stress-free as possible, we developed the basic idea of a modular airport to increase speed through the system, while reducing the potential for bottlenecks. At the same time we wanted to bring the experience down to a human scale, where passengers have greater control over their own mobility and stay more closely connected with their luggage. The result is a new vision for the airport of the future, where a personal shuttle system links passengers to key functions of the airport, all while offering passengers more control and flexibility.
Passengers are offered a tailor-made airport experience. Each passenger can choose how much time to spend at the airport and how to use this time. The PAS user interface remembers personal preferences and adapts to language and cultural specificities. PAS and other airport features can be customized as a first step in an immersive journey. The Airport Center offers a wide variety of facilities and entertainment services, ideal for journeys with long transits or those that wish to spend more time in the airport.

Enhanced Travel Experience

Modular Structure

Decentralization is conveniently introduced in this airport at two different levels: luggage handling and passenger processing. Transporting the luggage alongside the passenger does not require today’s complex luggage handling infrastructure and is more reliable and comforting as it reduces chances for lost and delayed baggage. Similarly, travelers depart from and arrive at SkyGates, small buildings that process passengers on the same flight, thus ensuring greater efficiency. Additionally, modularity brings a higher degree of flexibility and adaptability, which makes our concept more sustainable in terms of future expansion plans and easier to integrate with current airport systems.