vision-box

Seamless Gate
Automated Border Control

The perfect combination of high security and passenger throughput

Seamless Passenger Interaction

The Seamless Gate **Automated Border Control** processes travellers in a fast, intuitive and secure way. Its modular hardware and software architecture enables the customization of the eGate according to the border control use case, such as the execution of 1-step or 2-step workflow, face verification (1:1) and identification (1:N), or the inclusion of fingerprints. The security of the self-service process is granted by a combination of sensors and algorithms capable of addressing all exceptions, and supported by the Inspector application for Border Officer remote monitoring.

Its attractive design ensures a pleasant user experience, enhanced by the ergonomic position of the devices and helpful user instructions. In what concerns security, all core components, including the face capture unit, fingerprint scanner, travel document reader, display, door mechanisms and sensors are protected by metal vandal-proof encasings and panels.

Flexibility and modularity

The Seamless Gate flexible design supports multiple configurations, namely one-step or two-step workflow, with mantrap or single-door setup. The customisation also enables the inclusion of optional modules, such as a fingerprint scanner. Also the user interface is flexible and supports both 2D animations based on icons and text, and Vision-Box unique 3D avatar user interface for enhanced user experience.
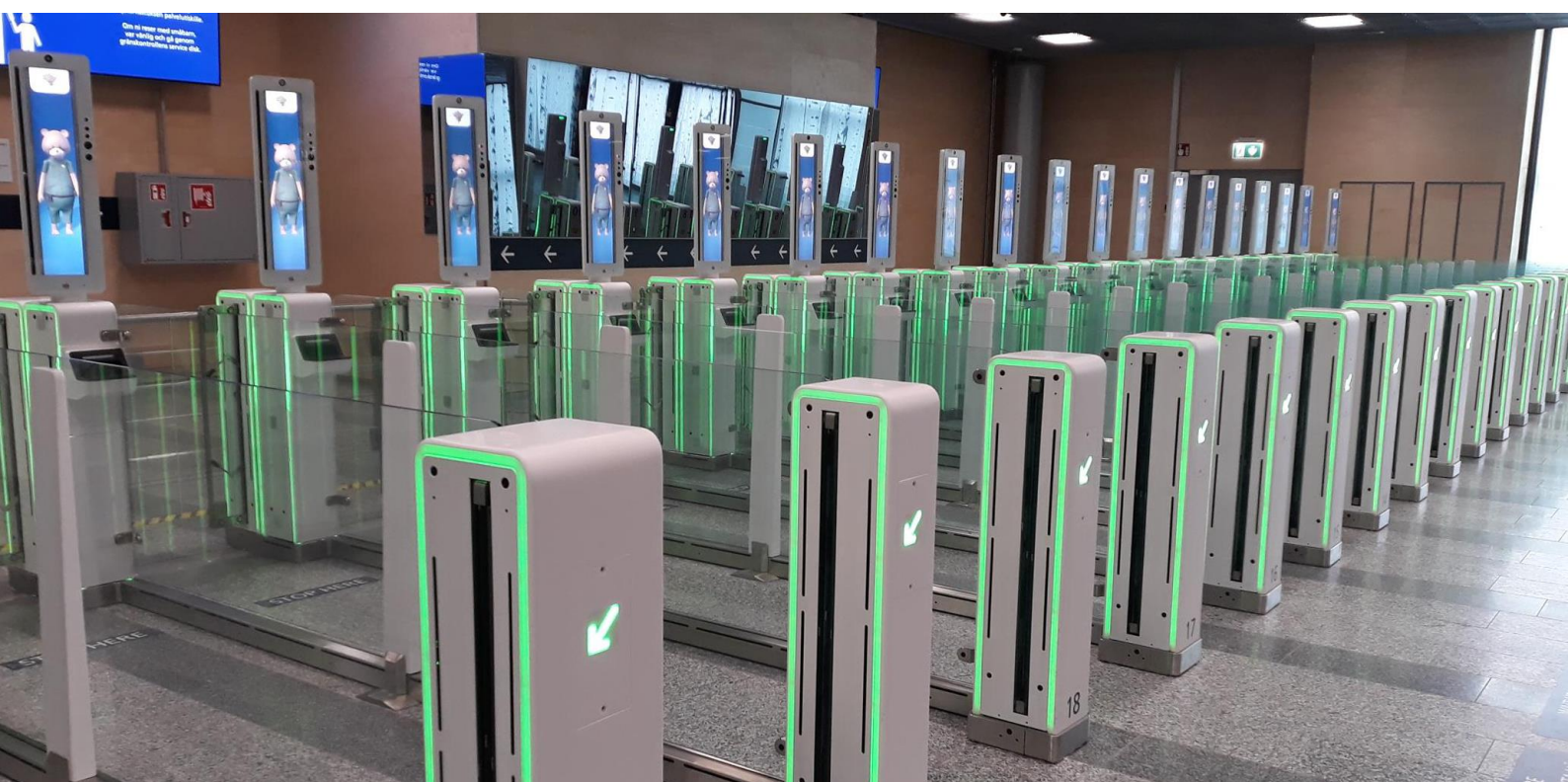
Integrated solution

It integrates with Vision-Box Seamless Journey Platform taking advantage of its business process orchestration features, such as the business rules management, remote real-time monitoring with Inspector application, integration with external border management systems and watchlists, data security and privacy.

Seamless User Experience

Designed and engineered to quickly process travellers while maintaining and exceeding all international security standards. The Seamless Gate ABC offers a smooth and continuously integrated traveller-centric flow that optimises the document reading, biometric capture and matching processes, ensuring short transactions and high throughput.

Avatar-based technology that interacts with the passenger

It incorporates the possibility of having an avatar that interacts with passengers and mimics their movements, which can be customised for each customer's needs. Studies have proved that creating an emotional link with the traveller by leveraging AI-based technology can substantially relieve stress levels and largely improve natural collaboration to deliver the best possible data quality.

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