PAX OPTIMA

Advanced Passenger Checkpoint (APC) solutions

MOVING YOUR BUSINESS FORWARD
600 AIRPORTS (INCLUDING 13 OF THE WORLD’S TOP 20)

- Handles 50% of global airport baggage
- First and most widely utilised CHECKPOINT remote screening solution
- Installed on 230+ checkpoint LANES
- Global market LEADER

- Remote screening solution developed for the checkpoint
- MULTIPLE divesting and diverting configurations
- 1st to develop CLEAR BAG algorithm
- COOPERATES WITH INNOVATIVE PARTNERS

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- INTEGRATION with other CHECKPOINT technologies
- DEVICE-AGNOSTIC
- INTEGRATION EXPERTISE (developing new solutions)

3,000 Service engineers globally
Management of large-scale projects up to $200 m

- Understanding customer needs and challenges
- Collaborative approach
- System performance MODELLING
- Driven by data
- Design FLEXIBILITY

Established in 1949

- LARGEST support and production CAPACITY
- 450+ field technicians in North America alone
- 900+ field technicians INTERNATIONALLY
- 55 support contracts at airports globally
- Life-cycle SERVICES
The process of moving passengers through an airport needs to be secure, seamless, rapid and deliver a positive experience for all travellers.

Vanderlande cooperates closely with airports to provide the core components of the security process through industry-leading electromechanical and software solutions. It is also able to integrate other security technologies to create a high performing and seamless system.

Vanderlande APC focuses on the optimisation of its customers’ business processes and competitive positions. Through close cooperation, it strives for the improvement of their operational activities and the expansion of their logistical achievements. Vanderlande’s PAX OPTIMA combines state-of-the-art SCANNOJET security lanes, with eVelocity screening software to create a fully integrated checkpoint solution. This offers increased throughput and an improved passenger experience.
PAX OPTIMA establishes the foundations for the integration of technologies from multiple vendors into a highly efficient, flexible and future-proof security checkpoint.
Modularity and aesthetics  
Future-proof  
Agnostic integration  
Real-time and historical data
Lateral feeder
Provides a steady stream of trays at the start of the lane.

Curved entry
The lane can be customised and curved to reduce the footprint and optimise the available space.

Multiple divesting stations
Passengers can move at their own pace and use multiple trays without slowing the process.
A camera captures an image of each tray to facilitate identification by agents.

Prime choice for airports worldwide, PAX OPTIMA is a fully-integrated system that allows airports to optimise their checkpoint operations in multiple ways while exceeding passengers’ expectations and industry requirements.

Our checkpoint solution relies on a multitude of unique features developed to provide you with one of the most innovative and evolutive solution on the market.
“For us, Vanderlande’s solution creates a win-win situation in terms of passenger happiness, employee satisfaction, and reaching our objectives as a management team.”

Árni Gísli Árnason
Security Operations Manager,
Keflavík Airport Operations
Reporting and monitoring
Real-time and historical data collected from X-rays, lanes, and other checkpoint equipment is made available to improve resource management and monitor overall checkpoint performance, KPIs, and regulatory compliance.

SCADA
The SCADA software provides statistics on the whole lane and its individual components, which allows for easier monitoring and maintenance processes.
Vanderlande is dedicated to designing solutions that facilitate the smooth transit of both travellers and luggage while improving the passenger experience. Our extensive portfolio of integrated solutions results in the realisation of fast, reliable and efficient logistic process automation at airports. With the experience gained from over 600 airports, we have established a global reputation over the past six decades as a highly reliable partner.

Vanderlande and its highly skilled team of experts work with you every step of the way to ensure the implementation and the integration of an optimal, customised checkpoint solution that is tailored to your airport’s individual requirements. Our consultative approach and life-cycle services make us the perfect long-term partner for checkpoint security.