



Laminar

Queue Management

A queue management solution built to optimise airport passenger flow.

Passenger experience sits at the heart of every airport journey. It is built on seamless movement—short waits, clear pathways, and a steady flow through every touchpoint. Yet, many airports still rely on rigid, hardware-heavy systems that react to congestion too late, leading to overcrowding, misallocated resources, and passenger frustration.

Laminar transforms queue & passenger flow management by taking a proactive, data-driven approach. It automatically detects queues, tracks passenger movement, and accurately predicts wait times and occupancy levels. Airports can anticipate congestion before it happens and make instant, data-driven decisions to keep passengers moving. No extra hardware, no complicated installations—just a cloud-based system that ensures passenger flow is smooth and optimised at every touchpoint.



Optimise Passenger Flow, Prevent Flight Delays

With real-time heatmaps, playback, and an advanced prediction engine, you can monitor queues, adjust staffing, and keep passengers moving smoothly. Measure key queue metrics like waiting time, length, and throughput for a complete view of performance, and get short-term forecasts to stay ahead of delays. Laminar empowers you to act quickly and prevent bottlenecks, ensuring efficient operations at every touchpoint.

Keep passengers moving, prevent flight delays.



Automated Insights to Prevent Queue Bottlenecks

Laminar puts your team in control with automated alerts, customisable queue thresholds, and real-time dashboards, enabling fast, data-driven decisions. By automating response actions based on live queue conditions, it ensures the right resources are allocated at the right time—before bottlenecks have a chance to form.

Avoid queues and elevate your airport's journey.



Scale Effortlessly as Your Airport Expands

Designed as a cloud-based, there's no need for extra hardware or complex installations. Laminar seamlessly integrates with your existing systems, requiring minimal bandwidth to ensure your operations run at peak performance without straining your network. Whether it's AODB, RMS, or other third-party systems, Laminar ensures a unified, connected operation across your entire airport.

Effortless system integration, limitless airport growth.

AirportLabs Product Portfolio: Unifying Expertise, Innovation, and Seamless Integration

Industry Expertise: Developed by a team with deep aviation industry knowledge.

Cloud-based Architecture: Responsive design and accessible across any platform, ensuring seamless functionality anywhere.

Data Integration: Effortless integration with any data source or third-party system, backed by automatic data capture.

Learning Academy: We offer comprehensive training and adoption resources, such as user guides, training videos and organised workshop sessions that can be provided on-site and remotely throughout the entire life of the product.

Reach out to our Laminar expert for a product demo:



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Learn More about
Laminar



Learn more about the
AirportLabs Learning Academy