Control the Edge. Protect the Journey.



PERIMETER DEFENSE



Digital airline channels have become the preferred pathway for attackers. Automated shopping traffic, credential stuffing, API abuse, account takeover attempts, fare scraping, voucher theft and AI-driven bots place increasing pressure on airlines' digital channels and core systems. Perimeter Defense helps airlines stop threats before they reach critical infrastructure, protecting customer experiences while reducing operational waste.

Built specifically for airline commerce and operational environments, Perimeter Defense combines industry-leading security technology, airline-specific threat intelligence and managed security operations to help airlines identify trusted traffic, block malicious activity, and maintain performance across web, mobile and API channels.

Protect What Matters

Perimeter Defense helps airlines:

- Protect public web, mobile, API, partner and operational channels before traffic reaches core systems
- Reduce fraud, abuse and unwanted automation
- Preserve customer experience by allowing trusted travelers and partners to move with less friction
- Reduce avoidable infrastructure consumption and look-to-book waste
- Gain visibility and control over who is accessing critical digital assets
- Stay ahead of evolving threats through continuous monitoring and managed security operations

Airline security at scale:

22B
requests inspected every month

100+
digital channels protected

4.1B
attacks stopped

3.2B
malicious bots blocked

navitaire
an AMADEUS company

333 South Seventh Street, Suite 1900
Minneapolis, MN 55402-2443 USA

+1.612.317.7000 phone

www.navitaire.com
navitaire.contactus@navitaire.com

PERIMETER DEFENSE



Three Flexible Protection Offerings

Perimeter Defense provides three commercial offerings that can be deployed individually or combined to meet each airline's operational and security objectives.

1. Perimeter Defense Core

A managed perimeter protection service providing foundational Web Application and API Protection (WAAP). Includes:

- Web Application Firewall (WAF)
- DDoS Protection
- IP, Geographic and ASN Controls
- Client Reputation Analysis
- Foundational API Protection
- Foundational Bot Protection
- Content Delivery Network
- Real User Monitoring
- Traffic and Attack Trend Reporting
- Managed Security Services
- Quarterly Traffic Optimization Reviews

Ideal for airlines seeking perimeter traffic control and protection of public-facing digital channels.

2. Perimeter Defense Bot

Advanced protection against increasingly sophisticated automated traffic. Includes:

- Bot Scraping Protection
- Adaptive Behavior Anomaly Protection
- Account Takeover Protection
- Mobile Bot Protection

Ideal for airlines looking to reduce fare scraping, credential stuffing, loyalty fraud, account abuse and look-to-book waste.

3. Perimeter Defense API

Runtime API security designed for modern airline ecosystems.. Includes:

- API Discovery and Inventory
- API Vulnerability Detection
- API Threat Protection
- API Analytics
- API Access Management
- API Rate Limit Controls

Ideal for airlines operating API-first business models, partner ecosystems and critical operational integrations..

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Why Navitaire

Perimeter Defense is more than security tooling. Navitaire combines airline-specific threat intelligence gathered across multiple carriers, certified security specialists, managed security operations, continuous tuning, platform engineering expertise, and direct collaboration with Akamai to deliver a security service designed specifically for airline digital commerce environments.

Benefits:

- Expert-managed security operations
- Airline-specific threat intelligence
- 24/7 security incident response
- Continuous tuning and optimization
- Rapid onboarding and configuration
- Direct collaboration with industry-leading security technology partners

Learn how Perimeter Defense can help protect public-facing digital commerce, operational systems, mobile channels and airline APIs while improving performance, reducing fraud and minimizing unnecessary infrastructure consumption.

Contact your account manager to get more details.