

Smart, scalable, shopping designed to fuel modern retail innovation



Dynamically adjust compute capacity to match shopping demand in real time, reducing database load and boosting performance.

Effortless scalability

Instantly scale to meet demand during sales events, seasonal peaks or unexpected traffic spikes — no manual intervention required**. ESS's containerized architecture and distributed caching ensure your shopping platform is always fast, stable and ready for growth.

Innovation on the edge

ESS empowers you to deliver real-time offers, dynamic pricing and frictionless transactions across all channels — web, mobile, kiosk and beyond. It uses an intermediate cache solution with real-time events to power more efficient and timely search for calendar shopping, OTA caching and Meta distribution, while helping to improve conversion without affecting look-to-booked fee calculations.

An integrated caching solution

Consolidating caching within the Navitaire platform helps reduce operational expenses and streamlines capacity management. This approach eliminates the need for costly third-party services and enables more efficient resource utilization, ultimately providing better value for your airline's retailing operations without adding complexity.

Ready to transform your airline's retailing?

Contact us to learn how ESS can help you deliver seamless, scalable and profitable shopping experiences—at the edge of innovation.

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Introducing a cost-efficient solution to help you meet fluctuating shopping demand:

- Auto-scaling and real time monitoring*
- High accuracy
- Smart caching
- RESTful JSON API endpoints

*Monitoring dashboards available through Navitaire Cloud Portal, a premium product and subject to separate procurement.

**There may be some exceptions where, for best results, it may be advisable to warm up capacity at the start of sales event.

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