

DACS[®]

ITA Software's
Advanced Availability
Solution



Advanced availability that dramatically lowers costs.

ITA's Dynamic Availability Calculating System (DACS®) offers a unique approach to managing seat availability and is a proven, cost-efficient, high-performance product that gives airlines a better way to manage availability across all distribution channels. Join the growing list of leading airlines who have been using DACS since January 2004.

What Makes DACS® Different?

DACS uses an approach developed by ITA which leverages data and rules supplied by airlines to reliably deliver high volumes of accurately and dynamically calculated seat availability, in real-time.

There are two ways for airlines to use DACS – as the single availability calculating system or as a compliment to their host capabilities. The first approach essentially mirrors the airline's host inventory systems and inventory control system processing, to accurately determine seat counts for each flight and all possible combinations of flights. The second approach uses DACS as a compliment to the airline's host capabilities, offloading a portion of the queries from their demanding shopping systems.

Either approach offers advanced availability management and saves airlines significant amounts of time and money.

- Offers a new way to store, calculate, and distribute seat availability
- Completely insulates inventory systems from all availability query traffic
- Integrates with a wide range of revenue management schemes, including network bid-price and bucket controls – ask us, we probably already handle your method
- Leverages flexible architecture to support rapid adjustment of revenue management policies – no matter how big or small
- Dramatically lowers cost per query, calculating seat availability without hitting the mainframe
- Scales without limits – our current customers enjoy more than 1 million queries/sec, and we can easily scale to many more

> *“DACS® offers correct O&D availability solutions without the burden associated with supporting huge volumes of seamless traffic. With DACS, we’ve completely eliminated expensive server processing hits that were otherwise required to calculate answers to seamless queries.”*

Greg Lough
Managing Director Revenue Management



What Can DACS® Do For You?

DACS is designed to provide highly effective and accurate results. It is scalable and efficient, and can handle the depth, breadth, and volume of queries needed to perform comprehensive searches.

Best of all, DACS is implemented, managed, and maintained without charge for all searches powered by QPX™.

- Answers any volume of availability requests quickly, accurately, and cost-effectively
- Improves revenue opportunities by presenting accurate and competitive flight options
- Supports O&D availability and journey control
- Introduces an advanced, configurable point of sale, and solutions for other customizable business logic
- Enables fully availability-checked calendar and other large-scale queries

Which Availability Solution is Right For You?

In addition to DACS, we also offer a full range of availability solutions to best meet your needs.

	Seamless Polling	Caching, AVS, & NAVS	DACS®
Supports O&D Logic	●		●
Supports JCL	●		●
Supports Unlimited POS Controls	●		●
Supports Calendar Searching		●	●
Supports Full-Featured Modern Search		●	●
Lowers Cost/Query for Airlines		●	●



ITA Software (www.itasoftware.com) is a leading provider of innovative solutions for the travel industry. ITA's QPX, a comprehensive airfare shopping system, is used by leading airlines and travel distributors worldwide including Alaska Airlines, American Airlines, Bing, Continental Airlines, Hotwire, Kayak, Orbitz, Southwest Airlines, TripAdvisor, United Airlines, US Airways, Virgin Atlantic Airways, and others. ITA is now offering a completely new airline passenger reservation system to improve the customer experience. On July 1, 2010, ITA announced a merger agreement to be acquired by Google. ITA was founded by computer scientists from MIT and is headquartered in Cambridge, Mass., USA.

Contact ITA's Business Development team today to schedule an online or in-person demo, include ITA Software in your RFI or RFP process, or request additional information.

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