ATPCO

The World’s Airlines Rely on Graphs to Offer Better Ticket Prices and Travel Options for Customers

Owned by the world’s major airlines, ATPCO blends pricing & retailing data and systems with innovative technology to help airlines best manage their complex products in the marketplace. Neo4j proved the perfect way to model and analyze complex data relationships, and now powers their graph-based pricing platform – the heart of ATPCO’s fare and offer management products and services.

The Company

With over 50 years of success, ATPCO is uniquely positioned at the center of the global airline distribution ecosystem as the foundation of flight shopping. Owned by its customers – global carriers – ATPCO exists to provide value to the air travel market, and has offices in Washington, D.C., New York, London and Singapore. Its 500 employees work with every major airline, distribution channel and global distribution system in the world.

The Challenge

ATPCO is the world’s leading provider of pricing and retailing content, tools and services to airlines, global distribution systems, travel agencies and technology companies. By using compelling, rich content, its retailing solutions are also setting the standard by which airlines differentiate their products and channel partners create informative, next-generation shopping displays.

To deliver such services means dealing with immense amounts of intricate information – information that represents huge value for its users. ATPCO’s Chief Architect, Navid Abbassi said, “Getting a competitive price for a plane journey involves a large amount of complex data processing that the traveler just never sees. So it’s a big job, and an important one. Just one of our many airline customers estimates that, every day, if you add up all the various markets, flights, seats, and options in what they put in the sky, it’s over 100 billion product permutations.”

That’s why it’s so incredibly important that ATPCO do everything possible to always deliver the very best fare and offer management tools to meet the ever-changing needs of their customers.
Neo4j is the leader in graph database technology. As the world’s most widely deployed graph database, we help global brands – including Comcast, NASA, UBS, and Volvo Cars – to reveal and predict how people, processes and systems are interrelated.

Using this relationships-first approach, applications built with Neo4j tackle connected data challenges such as analytics and artificial intelligence, fraud detection, real-time recommendations, and knowledge graphs. Find out more at neo4j.com.

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