✈ Cybage increased the search efficiency of a leading air ticket consolidator
AND HELPED THEM EXPAND GLOBALLY BY PROVIDING SEAMLESS AND EFFECTIVE B2B SOLUTIONS.

| About The Client

Provides a wide range of reasonable airfares to travel companies in 6+ countries and has collaboration with more than 120 airlines around the globe.

Is an airline consolidator that supports travel agencies, tour operators and online portals to handle their flight business with ease.

It takes care of ticketing, global ticketing, ADM and refund, handles group bookings, has a 24x7 service, takes over sales and offers support for the flight area for several customers.

| Business Needs |

Connect with multiple inventory providers and third party web services.

An interface with Sabre and Amadeus GDS for all inventory types

Reduce authentication efforts and thereby optimize operations for agents

Support inventory distribution via Peakwork's Player Hub Technology

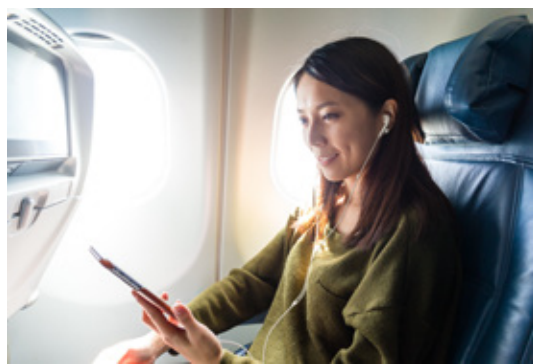Reduce efforts of manually entering fare data into multisystem

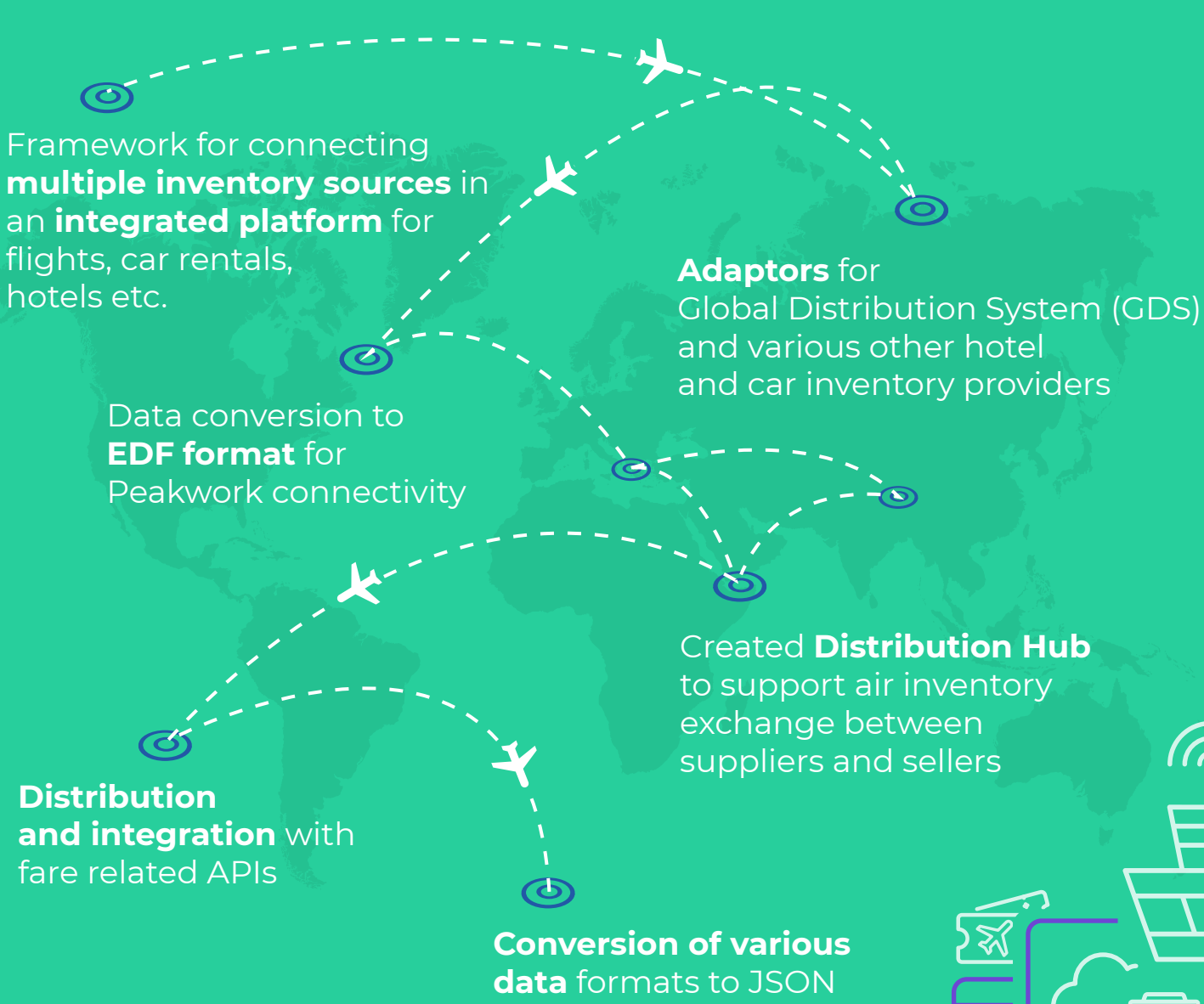Immediate availability of all fares created by airlines in all systems

Need of a platform that can be widely adopted for fare filing and distribution

Be an exchange partner between air inventory suppliers and air inventory sellers

| Solutions

Framework for connecting **multiple inventory sources** in an **integrated platform** for flights, car rentals, hotels etc.

Data conversion to **EDF format** for Peakwork connectivity

Distribution and integration with fare related APIs

Adaptors for Global Distribution System (GDS) and various other hotel and car inventory providers

Created **Distribution Hub** to support air inventory exchange between suppliers and sellers

Conversion of various **data** formats to JSON for ElasticDB storage

| Business Impact

Efficient distribution of contracted fares, each contract consisting of
6400 fares

Inventory details converted to EDF format increased the distribution network
25% via Peakworks platform

One-time sign in helped agents save
15% of their time

Elastic DB storage increased the search efficiency by
18%

| Technology Stack |

Microsoft stack:
.NET
WCF Framework

Database:
MySQL
JAX-WS
elastic

Frontend:
ANGULARJS

Java stack:
APACHE WICKET
spring MVC
spring
spring WS
JUnit
JAX-WS
Core Java
HIBERNATE

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