

Zenith | Passenger Service System (PSS)

Zenith
tti a citizenplane company

01



WHAT IS ZENITH ?

A complete, web-based solution designed for the operational needs of start-up and existing airlines (Low Cost and Full Service Airlines).

Zenith is a cost-effective, user-friendly and modular PSS solution.



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Benefits



Inventory management including nesting (Revenue Management)



Flights schedules management



Fares & pricing management



Reservations and E-Ticketing (own IATA compliant E-ticket database)

Benefits



Full reporting tool



Departure Control System (DCS) CUTE compliant (RESA, SITA and ARINC)



Business intelligence and KPI reporting tool



Omni-channel distribution

044

Features include

Ancillary sales

E-Coupon (Travel voucher)

Online and mobile check-in

Mobile sales

RET files exports to third parties (Revenue Accounting systems)

FFP (Frequent Flyer Program)-

Notifications management

Integration with SMS gateway



Integrated IBE (Internet Booking Engine)

7 days

PRICE COMPARISON AND
FARE CONDITIONS OVERVIEW

Booking

CUSTOMERS CAN MANAGE THEIR
PERSONAL AREA THROUGH
“MANAGE MY BOOKING”

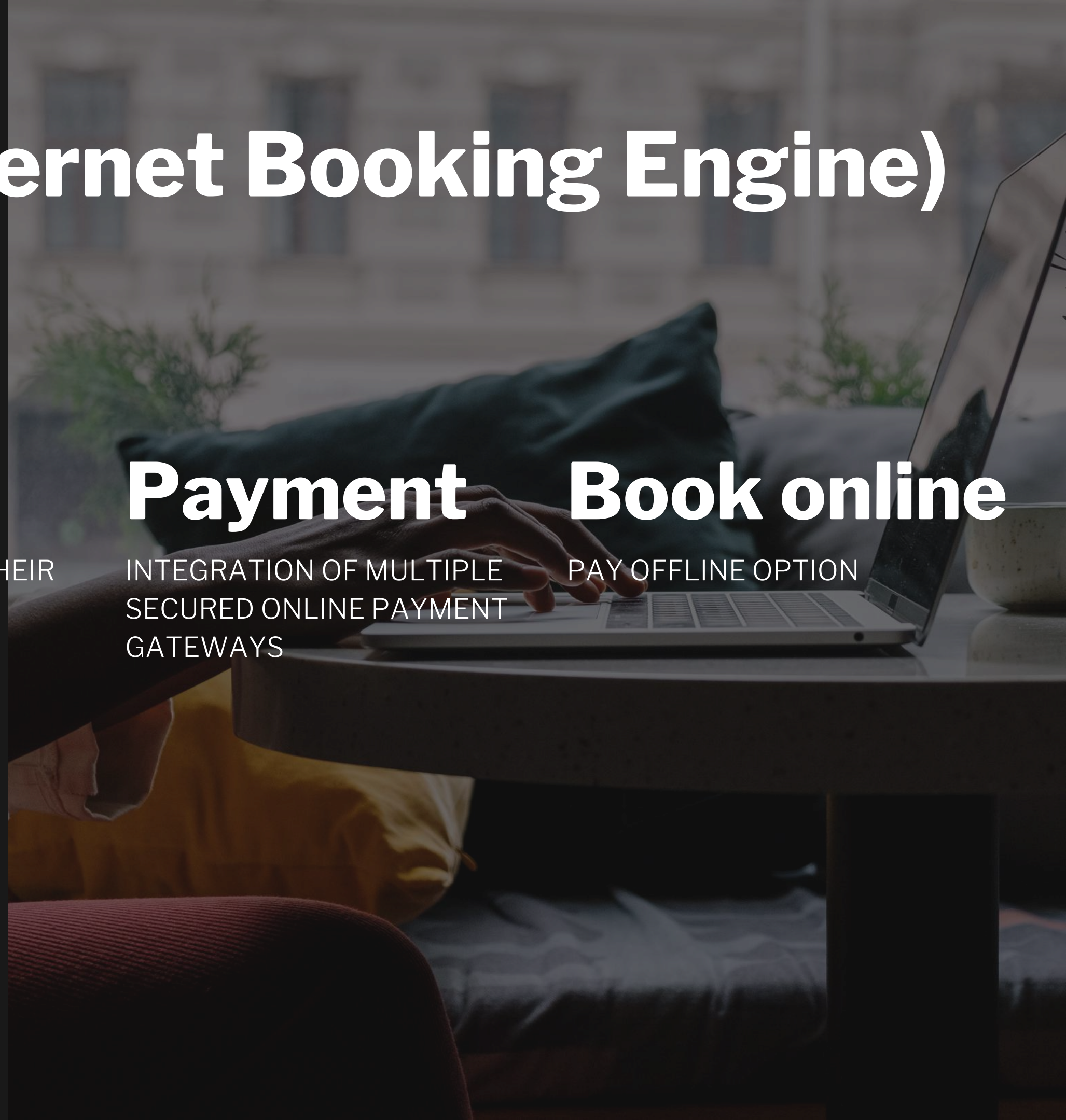
Payment

INTEGRATION OF MULTIPLE
SECURED ONLINE PAYMENT
GATEWAYS

Book online

PAY OFFLINE OPTION

06



Ancillary Sales – Cross-selling opportunities

Ancillary sales via multiple sales channels (B2B and B2C)

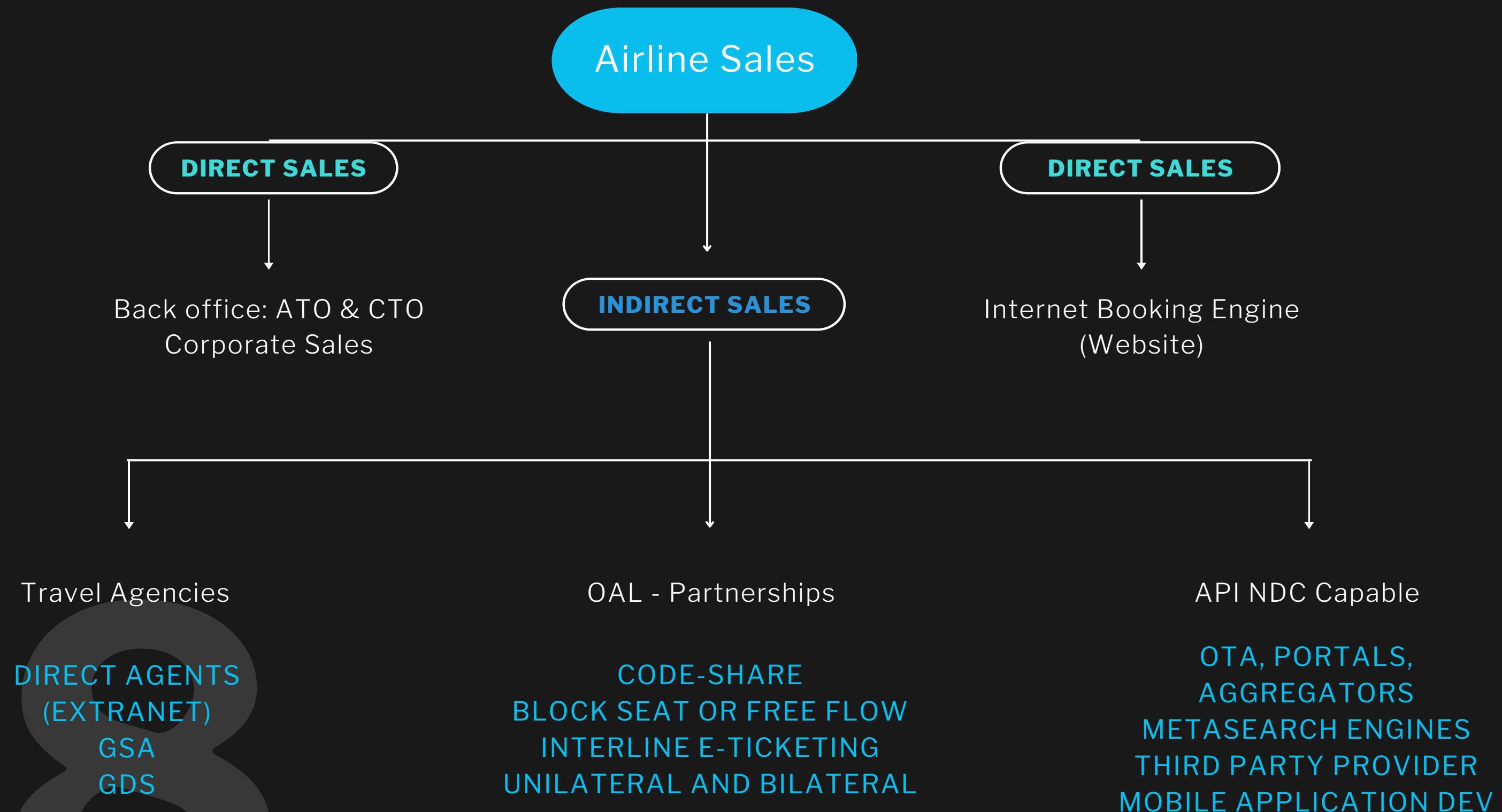
Basic Ancillary Sales would include :

- Extra baggage allowance sales in advance
- Seat assignment sales
- Empty/Comfort Seats
- Upgrades
- Lounge Access
- Priority boarding
- Catering “à la carte”
- Bassinet on Board...

Ancillary Sales can be customized to sell third party products & services, such as hotel rooms, car rental, insurance, etc



Airline - Sales Channels (B2B & B2C)



Connectivity on Zenith

IATA compliant E-ticket database

Supports codeshare: Block seat & Free flow

Supports Interline (unilateral and bilateral)

InterAirline through check-in - IATCI

All major GDS connections are supported

Amadeus

Sabre

Travelport, Galileo, Worldspan

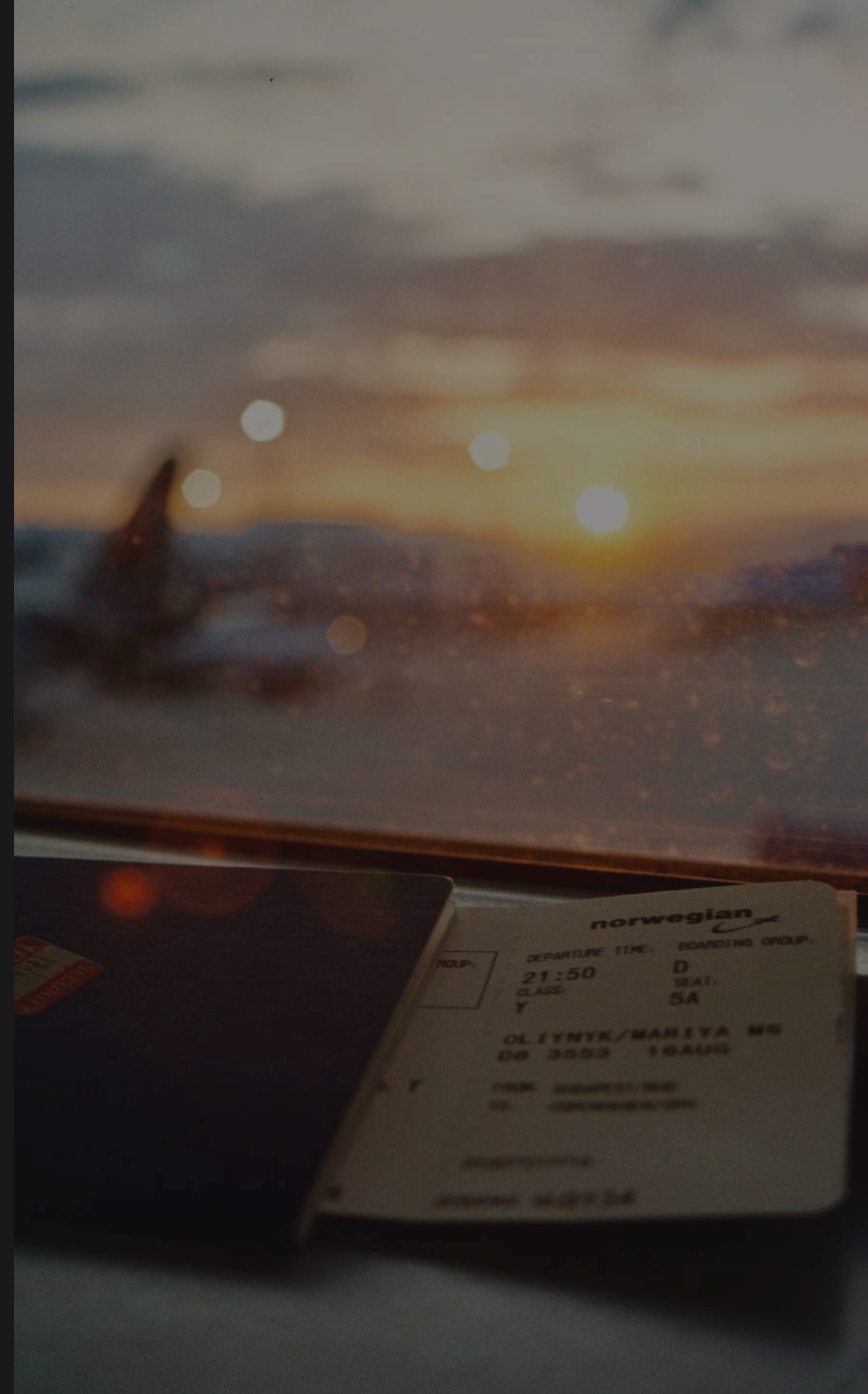
Abacus

TravelSky

Able to send information via Type A and Type B messaging to third parties such as

GDS, OAG (Official Airline Guide) and others. Export Excel file to be sent to ATPCO

(Airline Tariff Publishing Company) via Quick Base.



Zenith® API e-commerce and Check-in

TTI Zenith® API e-Commerce & Check-in modules, providing advanced features easy to integrate and use with Web Sites, Booking Engines, Smartphone Applications, and Online Travel Agent (OTA).

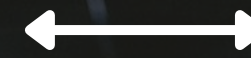
TTI Zenith® API Solution is fully documented and can be accessed with SOAP or JSON depending on your needs. TTI Zenith® API is IATA NDC Capable Level 4.

Zenith® API e-commerce and Check-in

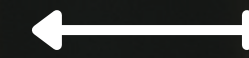
B2C Keys: performs sales in the same way as Zenith® public vendors (public web site)



Customers



Internet
API



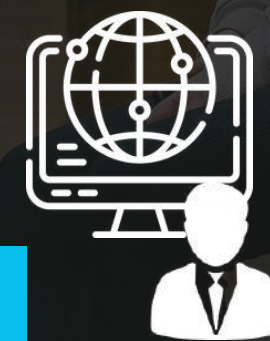
TTI Zenith

B2B Keys: performs sales with an extranet agency vendor; can be on account with a credit limit or cash.

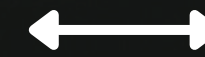


Customers

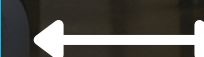
Internet
Web pages



Partner
Website



Internet
API



TTI Zenith

Zenith[®] API - List of Features



Flight search



Booking Creation



Ticket Issuance



Cash-In



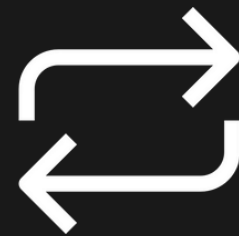
Email Notification



Seating



Ancillary Services



Booking Exchange



APIS Rules Management



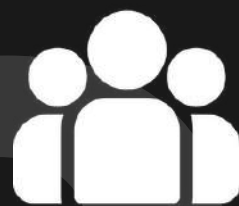
Web Check-in



Schedule



Events & Notifications



CRM Management (B2C only)



Frequent Flyer Program - FFP



Award Miles Calculator



Refund



Cancel Itinerary

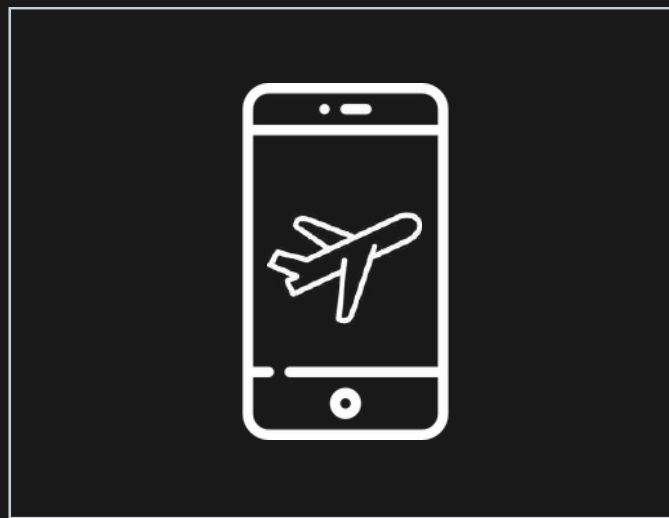


Custom Fares

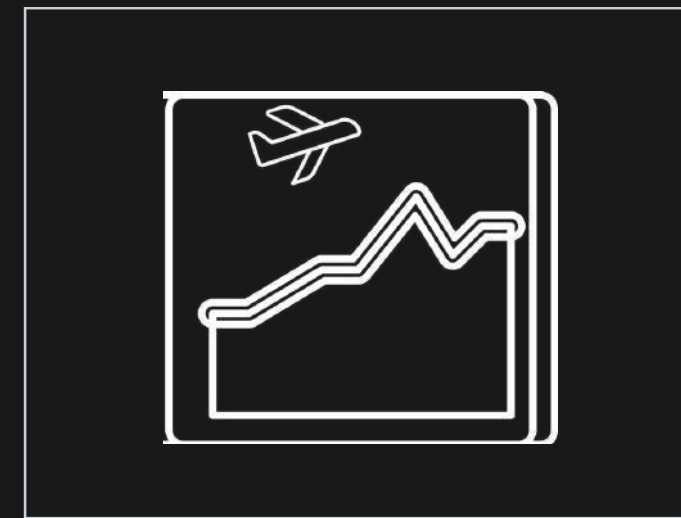
Check-In: convenient solutions for passengers



Online Check-In



Mobile Check-in



CUTE compliant DCS :
Cryptic and graphical
interfaces (GUI)

Quick DCS

QuickDCS® is CUTE compliant with RESA, ARINC and SITA

Passenger check-in and boarding standard process

PNL, ADL, PFS, ETL automatic processing

Flight envelopes management and passenger manifest printing

Go-shows and Norec management

Bag pooling per group or PNRs

Flight information updates from the DCS

Comprehensive module for excess bag transactions, bag allowance modifications and excess baggage payment option.



Quick DCS

Detailed bag and passengers weight reports (load repartition)

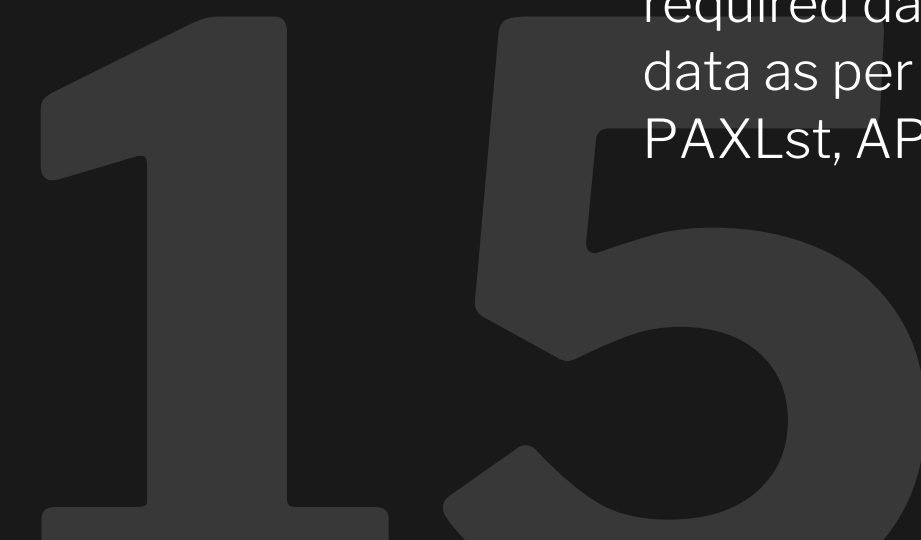
Fully compliant with standard TTY messages processing from and to external DCS

PNL/ADL and more

ETL/PFS post-flight processing > Flight envelopes are automatically treated
Zenith® includes a DCS message queues alerting the airlines when manual treatment and flight monitoring are needed

Zenith® includes also a web DCS easy and fast to use for flight envelopes correction (restricted to user's access level)

Advanced Passenger Information System (APIS): Extraction of the required data stored in Zenith®, formatting and transmitting the data as per the Country's Authority requirements like PNRGov, PAXLst, APP and iAPI.



Quick DCS

Ability to connect to bag tracking tools

Baggage Handling System (BHS)

Can produce inter-airline bag tags and boarding pass (IATCI), indicating the final destination on boarding passes and bag tags

Ability to handle QR Code boarding pass compliant with IATA standards

Ability to interface with a passport reader to check passengers in and to automatically have the boarding pass printed at once

Ability to interface with airport scales for automatic baggage weighting input



Zenith BI

Zenith® Business Intelligence solution (compiling data through detailed charts and tables for company's performance analysis)



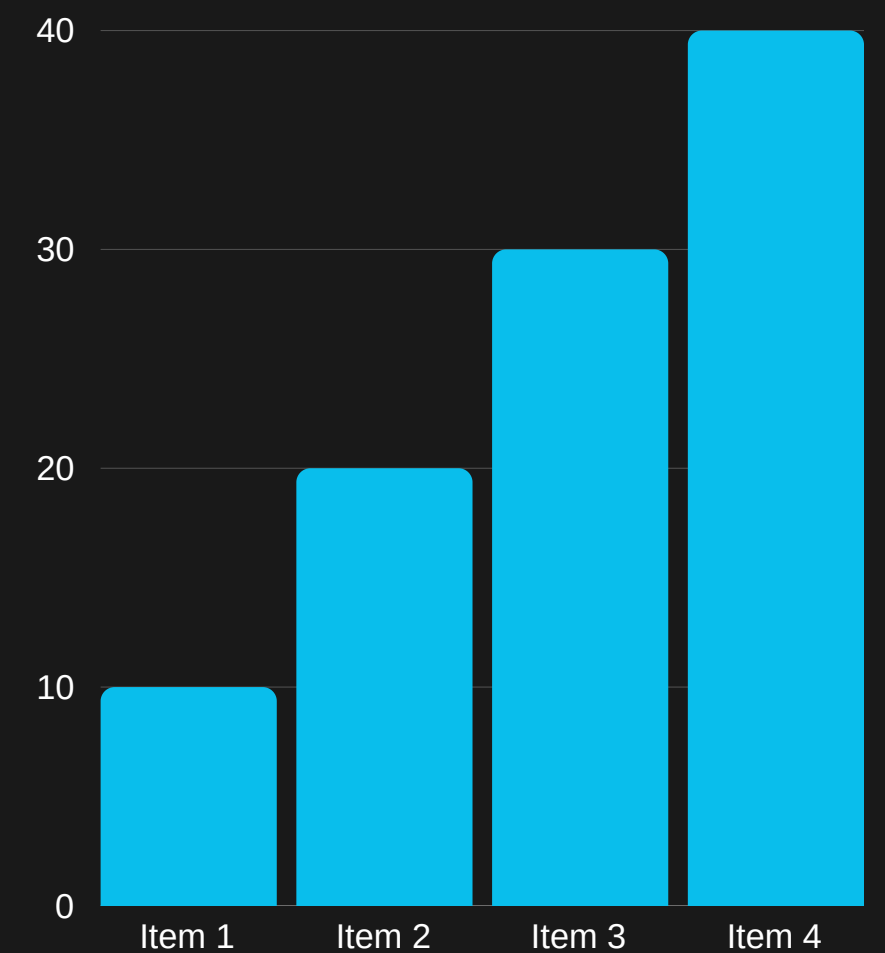
Shows KPI of the Airline



Build your own Analytics application



Create customizable business driven data



ABOUT TTI

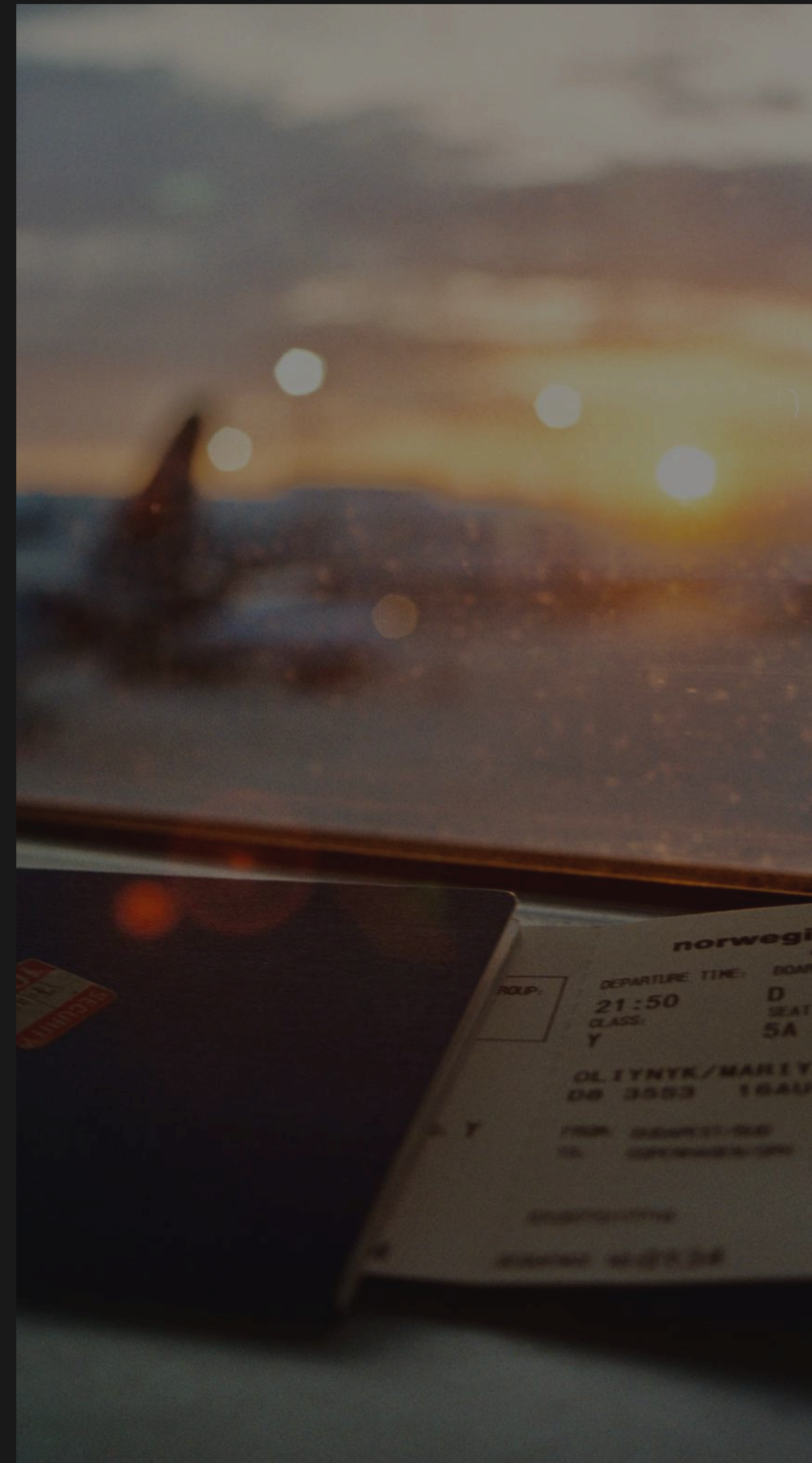
Evolution must be simple

Since 2004, Travel Technology Interactive (a CitizenPlane company) has been providing air carriers with innovative airline IT solutions through our next-generation Zenith® Passenger Reservation System (PSS).

As an IATA-preferred partner for passenger airlines since 2006, TTI has been delivering leading solutions to customers across Europe, Africa, Asia-Pacific, the Middle East, and the Americas for 20 years.

With a business approach built on a partnership model, our philosophy and development processes are highly customer-oriented.

At TTI, we believe that evolution begins with the customer.



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Zenith[®] - Some Integrations



TTI's Partners In Business

