

# Zenith | Passenger Service System (PSS)





## 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).

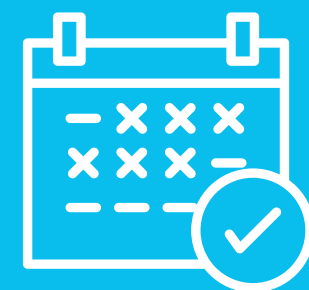
Zenith is a cost-effective, user-friendly and modular PSS solution.



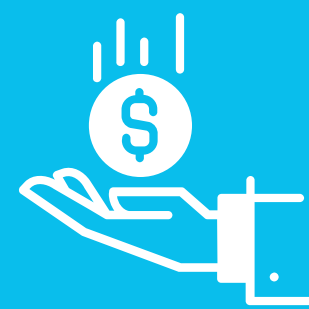
# Benefits



Inventory management including nesting (Revenue Management)



Flights schedules management



Fares & pricing management



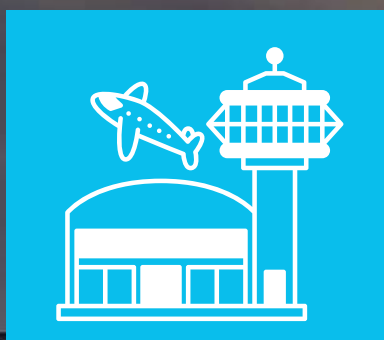
Reservations and E-Ticketing (own IATA compliant E-ticket database)



# Benefits



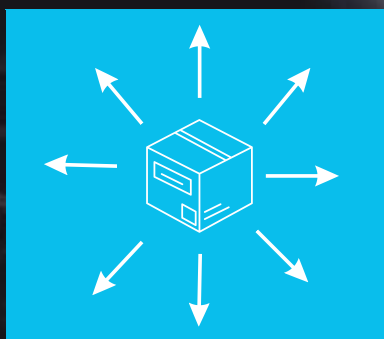
Full reporting tool



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



Business intelligence and KPI reporting tool



Omni-channel distribution



# Features include

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Ancillary sales

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E-Coupon (Travel voucher)

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Online and mobile check-in

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Mobile sales

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RET files exports to third parties (Revenue Accounting systems)

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FFP (Frequent Flyer Program)-

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Notifications management

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Integration with SMS gateway



# Integrated IBE (Internet Booking Engine)

## 7 days

PRICE COMPARISON AND  
FARE CONDITIONS OVERVIEW

## Booking

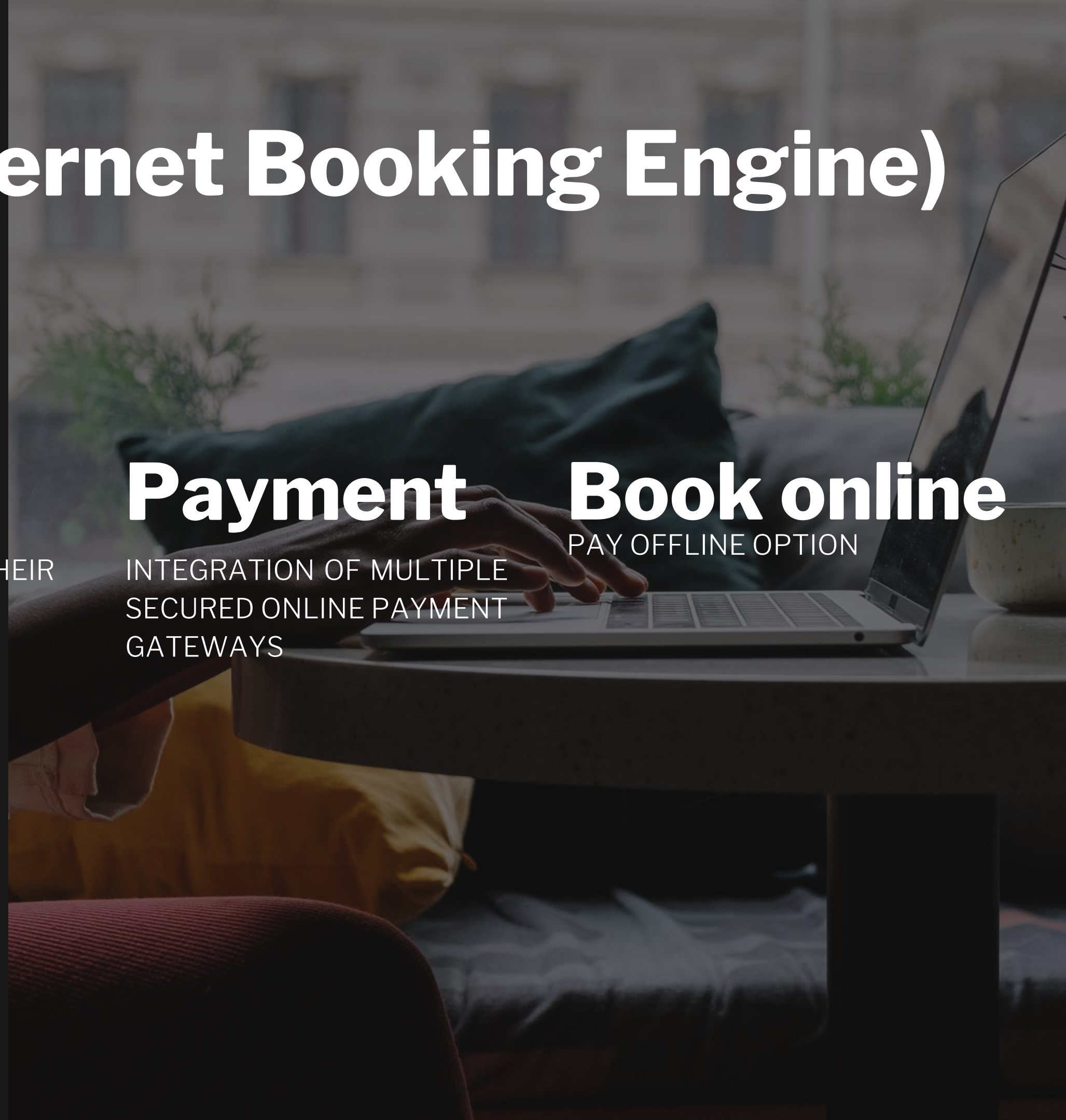
CUSTOMERS CAN MANAGE THEIR  
PERSONAL AREA THROUGH  
“MANAGE MY BOOKING”

## Payment

INTEGRATION OF MULTIPLE  
SECURED ONLINE PAYMENT  
GATEWAYS

## Book online

PAY OFFLINE OPTION





# Ancillary Sales – Cross-selling opportunities

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Ancillary sales via multiple sales channels (B2B and B2C)

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Basic Ancillary Sales would include :

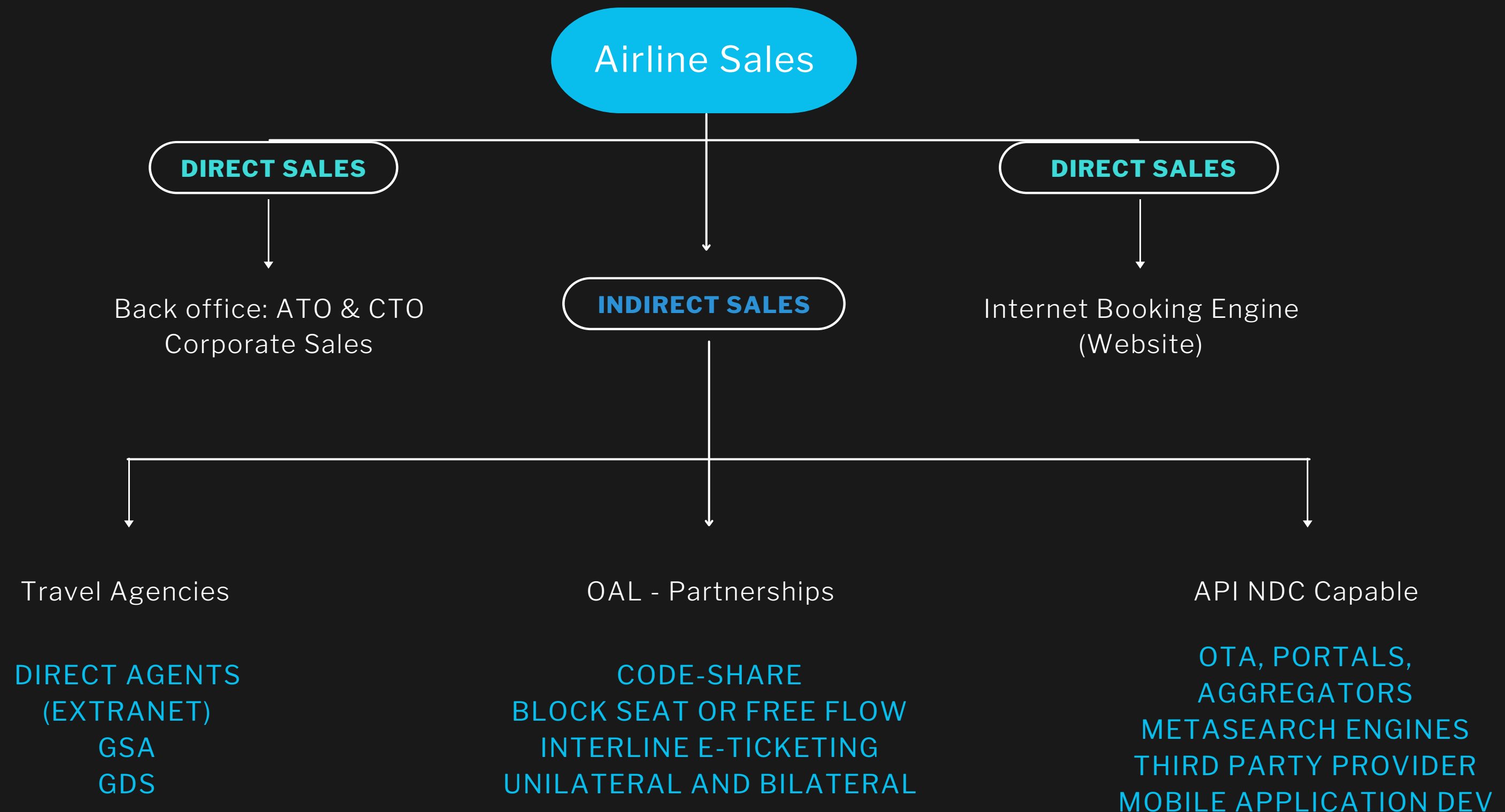
- Extra baggage allowance sales in advance
- Seat assignment sales
- Empty/Comfort Seats
- Upgrades
- Lounge Access
- Priority boarding
- Catering “à la carte”
- Bassinet on Board...

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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

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ATA compliant E-ticket database

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Supports codeshare: Block seat & Free flow

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Supports Interline (unilateral and bilateral)

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InterAirline through check-in - IATCI

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All major GDS connections are supported

Amadeus

Sabre

Travelport, Galileo, Worldspan

Abacus

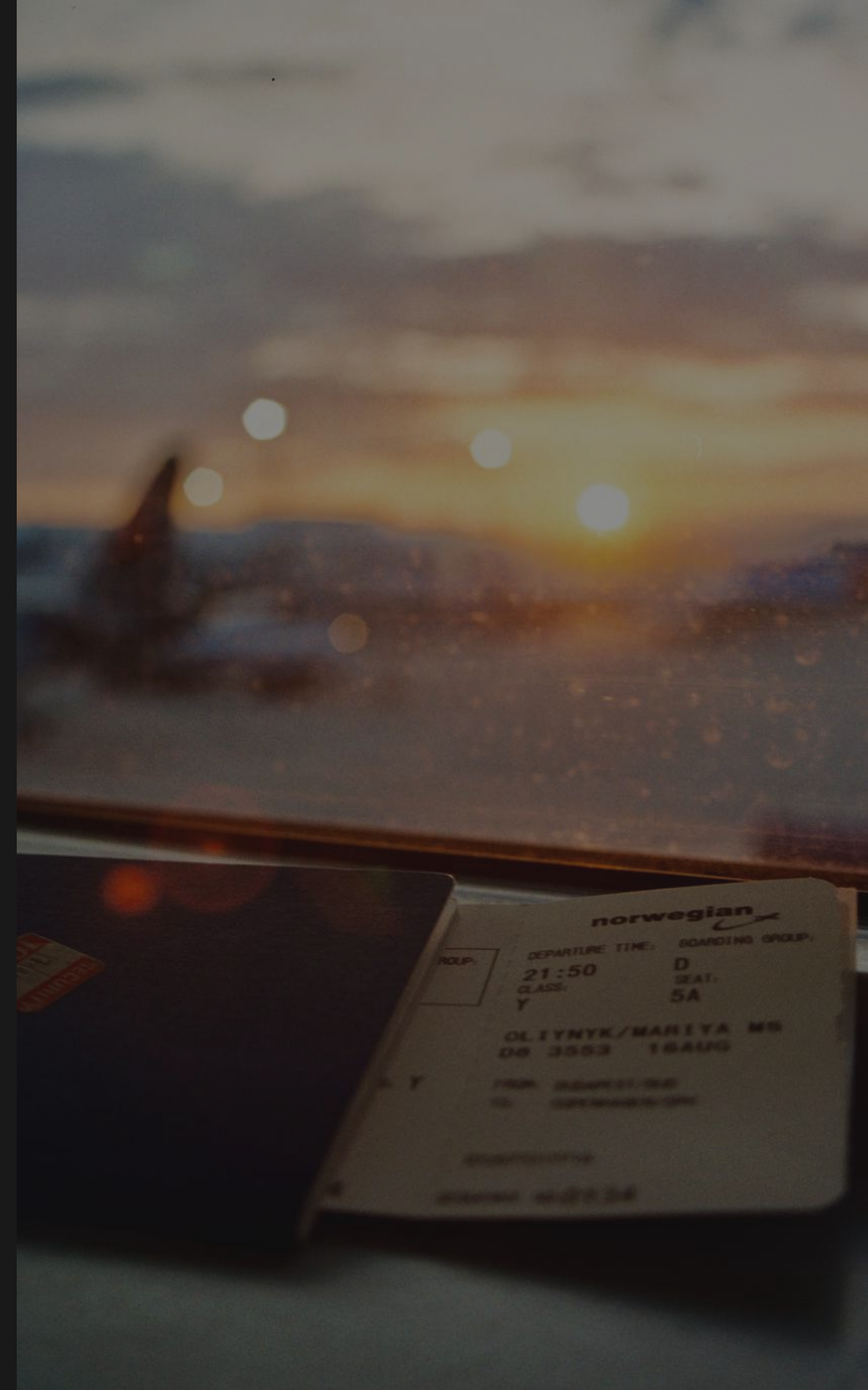
TravelSky

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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.

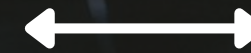


# Zenith® API e-commerce and Check-in

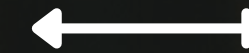
B2C Keys: performs sales in the same way as Zenith® public vendors (public web site)



Customers



Internet  
API

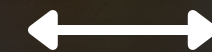


TTI Zenith

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



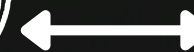
Customers



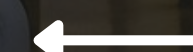
Internet  
Web pages



Partner  
Website



Internet  
API



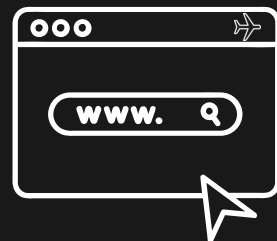
TTI Zenith



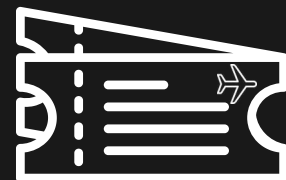
# Zenith® API - List of Features



Flight search



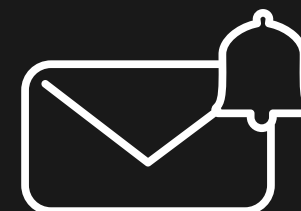
Booking  
Creation



Ticket  
Issuance



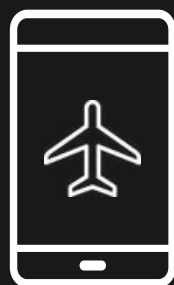
Cash-In



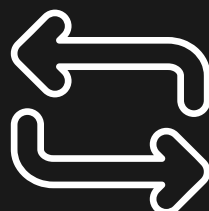
Email Notification



Seating



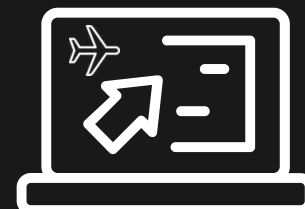
Ancillary  
Services



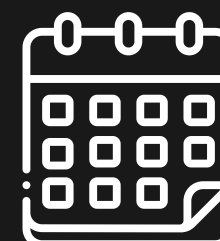
Booking  
Exchange



APIS Rules  
Management



Web Check-in



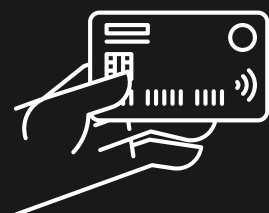
Schedule



Events &  
Notifications



CRM  
Management  
(B2C only)



Frequent Flyer  
Program - FFP



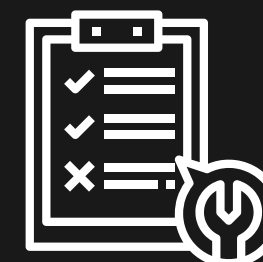
Award Miles  
Calculator



Refund



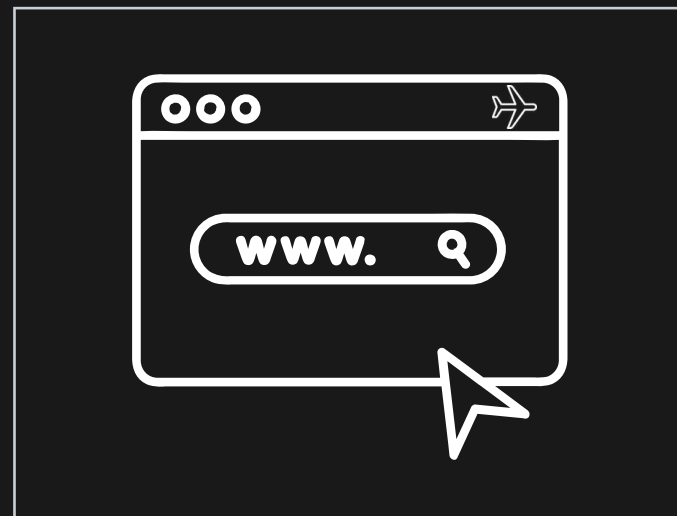
Cancel Itinerary



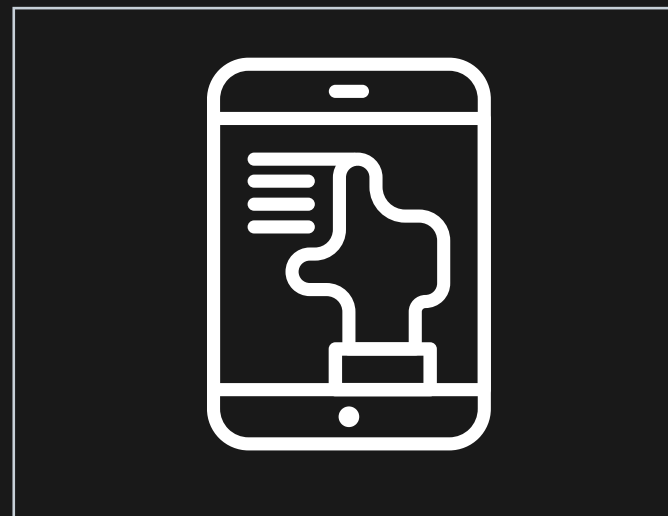
Custom Fares



# Check-In: convenient solutions for passengers



Online Check-In



Mobile Check-in



CUTE compliant DCS :  
Cryptic and graphical  
interfaces (GUI)



# Quick DCS

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QuickDCS® is CUTE compliant with RESA, ARINC and SITA

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Passenger check-in and boarding standard process

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PNL, ADL, PFS, ETL automatic processing

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Flight envelopes management and passenger manifest printing

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Go-shows and Norec management

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Bag pooling per group or PNRs

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Flight information updates from the DCS

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





# Quick DCS

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Detailed bag and passengers weight reports (load repartition)

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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

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

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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

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Ability to connect to bag tracking tools

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Baggage Handling System (BHS)

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

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Ability to handle QR Code boarding pass compliant with IATA standards

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

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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)

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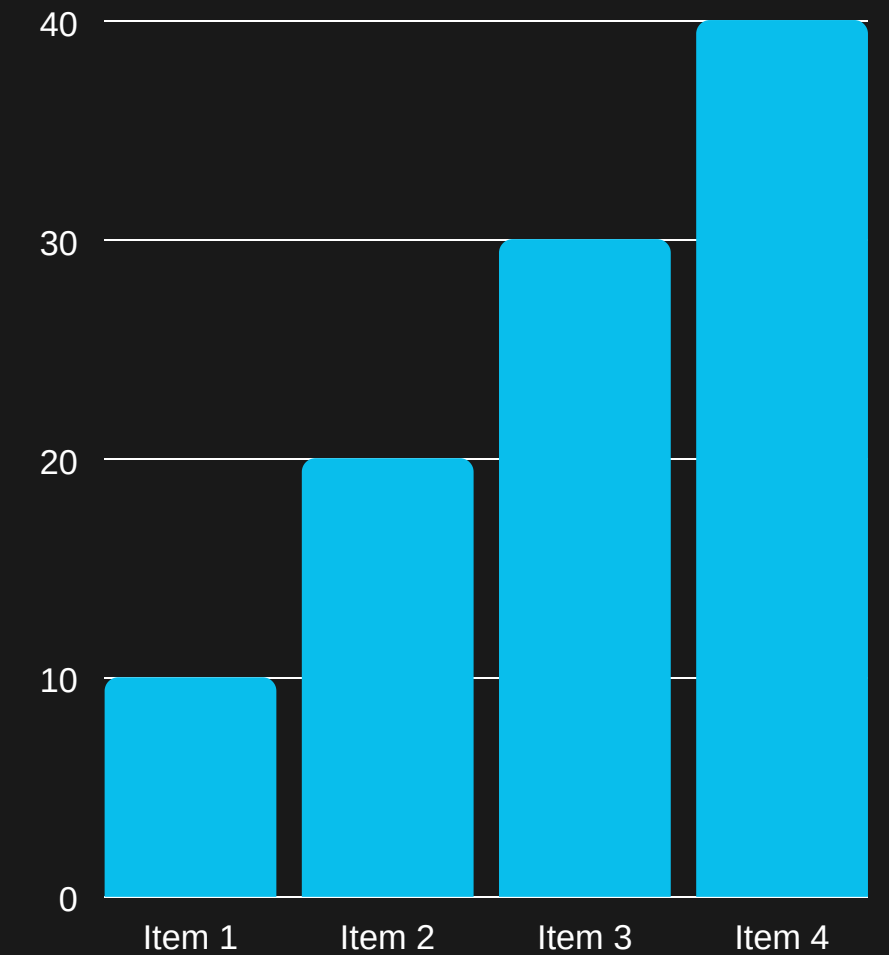
Shows KPI of the Airline

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Build your own Analytics application

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Create customizable business driven data





# ABOUT TTI

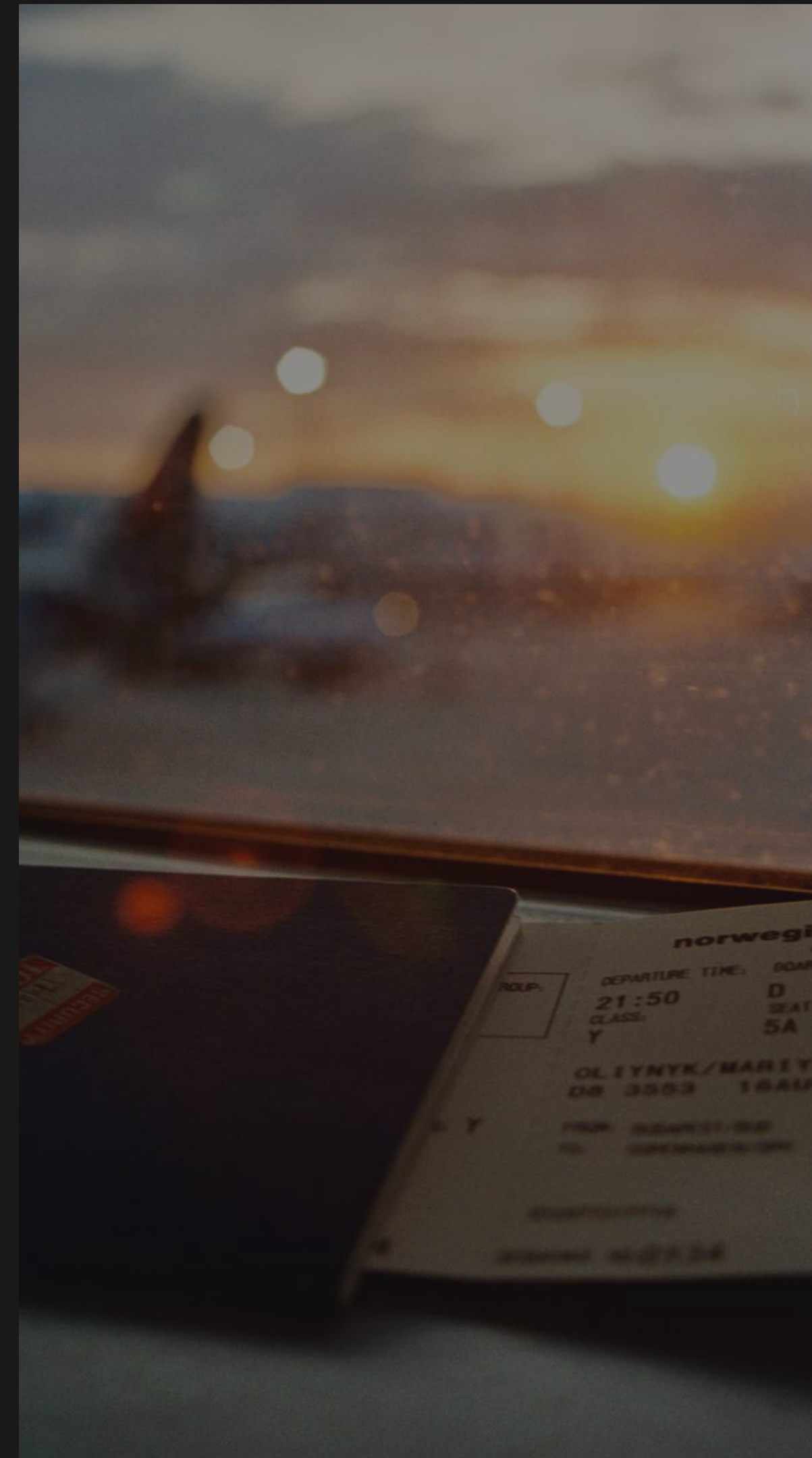
## Evolution must be simple

Since 2001, Travel Technology Interactive (TTI) has been providing air carriers with innovative Airline IT solutions with our next-generation Zenith® Passenger Reservation System (PSS) and Nexlog® Cargo Management Solution (CMS).

An IATA preferred partner for passenger and cargo airlines since 2006, TTI has been providing leading solutions to our customers in Europe, Africa, Asia, Pacific, Middle East and the Americas for 20 years.

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

This is because at TTI, we believe that evolution begins with the customer.



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