ISO GRUPPE
IT | Systems · Solutions · Services

ONE Order Pilots

OMS & (Revenue) Accounting Interaction Evaluation

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ISO team

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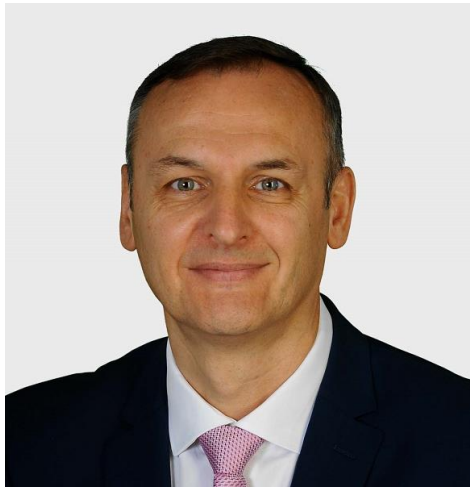

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Airline Projects & Solutions

Agenda

- Scope/Description of the Pilots
- Pilot #1 OMS – RA – FI
  - Architecture Diagram
  - Scenarios
  - Video demo
- Pilot #2 OMS – FI
  - Architecture Diagram
  - Scenarios
- Key takeaways/Outcome
- Conclusion
- Issues detected/CRs opened or to be opened

Scope

2 different ONE Order Pilots:

Pilot #1

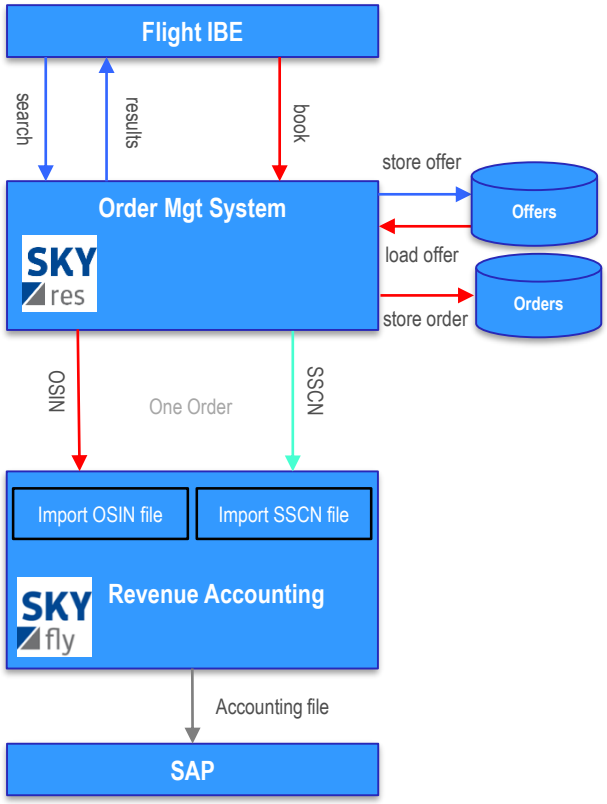
- "Accounting Approach1: Accounting OM → RA → FI"
- Use existing RA system & accounting interface framework
- Processing of ONE Order data, NDC and legacy in parallel
- Objective: validate that the OSIN & SSCN allow proper accounting

Pilot #2

Thomas Cook Airlines | Condor

- "Accounting Approach 2: Direct interface OMS to Accounting"
- Use existing accounting system, no RA inbetween
- Processing of ONE Order data as standalone process
- Objective: evaluate, if Condor's selling workflows & accounting processing will also work with OSIN

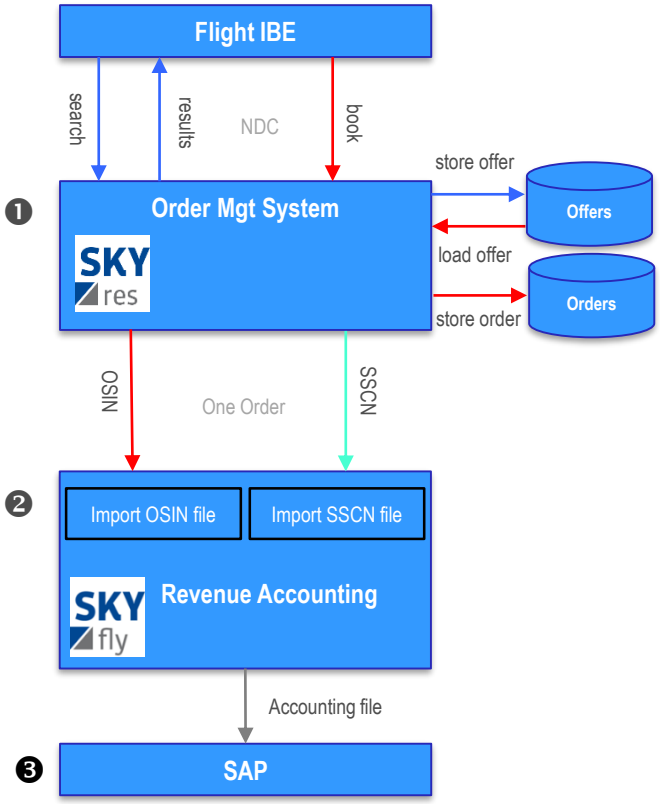
Architecture diagram Pilot #1



To provide the proof of concept, ISO uses the following technical infrastructure:

- ISO's new Order Management System "SKYres" to replay selling workflows using NDC and generate ONE Order messages
- ISO's Revenue Accounting solution "SKYfly Revenue"
- SAP ERP ECC6 as financial accounting system

Scenarios Pilot #1



❶ **SKYres OMS**
simulates the interaction between OMS and Revenue Accounting system by using
OrderSalesInformationNotification
ServiceStatusChangeNotifRQ

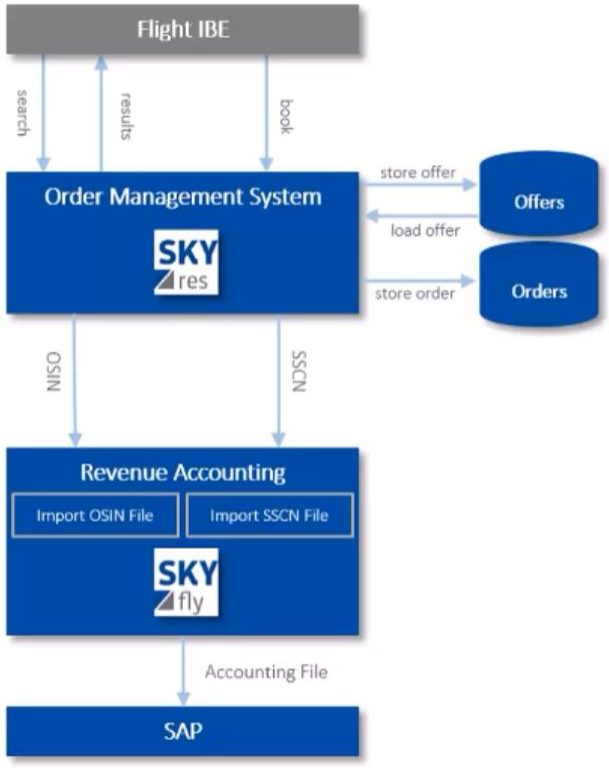
SKYfly Revenue

❷ processes the messages and generates accounting data for sales accounting and revenue recognition. Data in OSIN is split up into single records depending on passenger Order Item and Service Item. *OrderID* and *OrderItemID* are stored..

SAP ERP ECC6
consumes the accounting data.

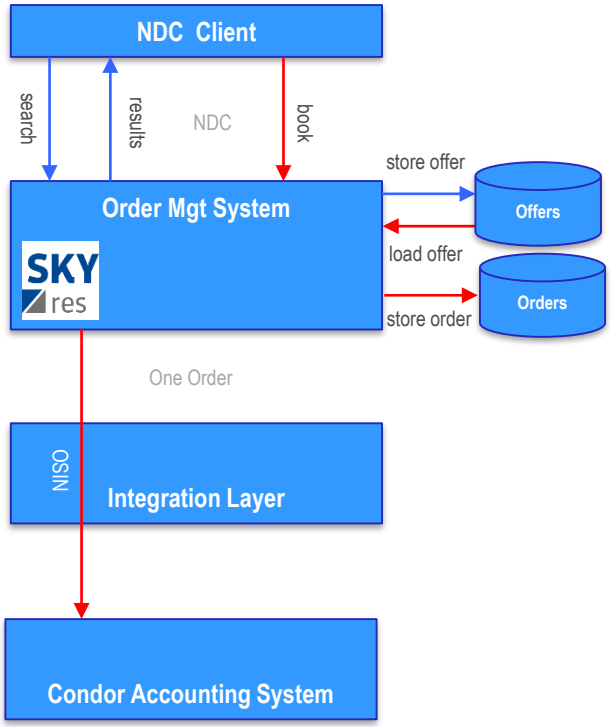
❸

Video demo Pilot #1



One Order Pilot Demo

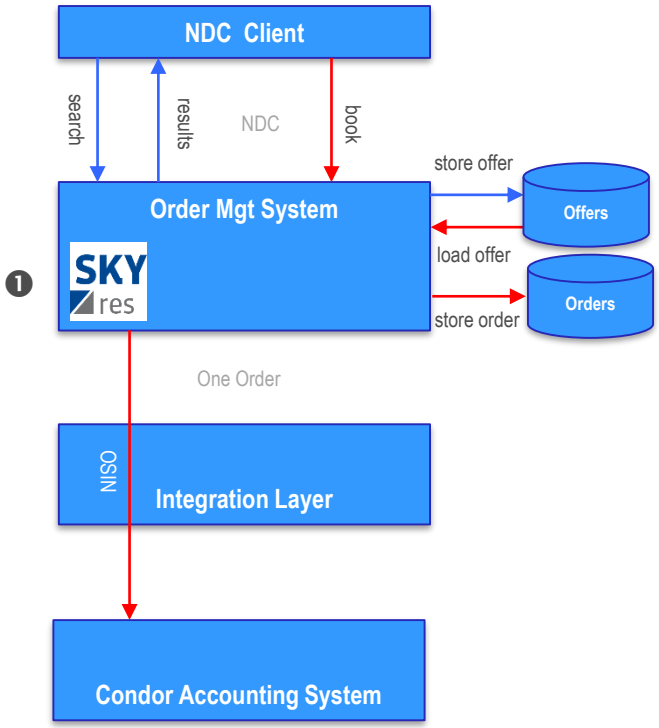
Architecture diagram Pilot #2



To provide the proof of concept, ISO uses the following technical infrastructure:

- Condor's Reservation/Accounting-System as source of information
- NDC Client to generate the scenario messages
- ISO's new Order Management System "SKYres"
- Integration Layer / Accounting Mapper Component
- Condor`s Accounting System

Scenarios Pilot #2



❶

From a business perspective:

The use cases cover the following selling scenarios:

- Book flights
- Book ancillaries (seat)
- Adjust a flight booking

From a technical perspective:

❶ **SKYres**
simulates the interaction between OMS and accounting system by using the ONE Order message OrderSalesInformationNotification

Key takeaways/Outcome

Advantages and disadvantages of the approaches:

Approach 1 with RAS	Approach 2 w/o RAS
+ Easy implementation in existing Revenue Accounting system + Allows parallel processing of legacy, NDC and ONE Order data	+ OSIN covers 80% of accounting needs ➔ SKYres could connect to “any” ONE Order compliant accounting system
- Contradicts the basic principle behind ONE Order - Duplication of data (in OMS and RAS)	- Additional taks for both, the OMS and the accounting system

Conclusion

- Both approaches are possible options.
- Direct processing OO → FI is feasible
  - Lean accounting process
  - Easy approach depending on business modell / sales channel
- Processing through RAS is still a valid approach
  - Start with ONE Order without being 100% OO-ready
  - OO could be phased in
  - Might speed up the readiness and willingness to start

Issues detected

	Pilot#1	Pilot#2	CRs
Functional	**Implementation Guidelines Needed!**		
	Order changes (actions, order item handling, payments, accounting codes)	Additional transaction meta data	
	Party usage	Transfer partial information	
		Missing data structures (revenue accounts, payment type, order version, tax conversion rate)	
Techncial	IATA_18.1_ONEOrder_3.4_B1 → 8 structural issues / proposals		Structural review of OrderSalesInformationNotifRQ from IATA_18.1_ONEOrder_3.4_B3 message set containing 11 issues/proposals
	IATA_18.1_ONEOrder_3.4_B2 → 5 structural issues / proposals		
	IATA_18.1_ONEOrder_3.4_B3 → 15 structural issues / proposals		

Thank you very much for your attention!

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Q&A