



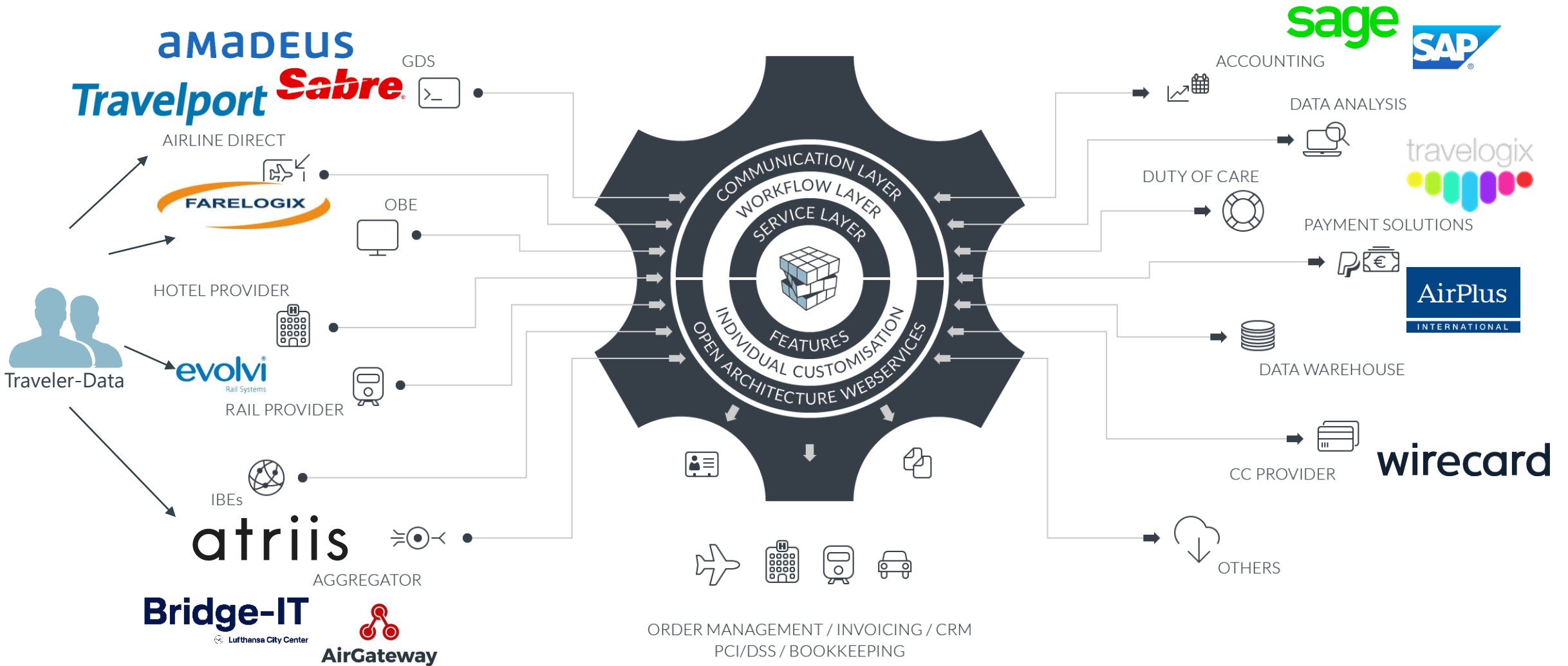
Midoco Midoffice



Jörg Hauschild, managing director



Automation Architecture



Two points to discuss

1. Technology - we need a stable process for data delivery between ***the IT player of the TMC*** and a mid/backoffice system for **automation**
2. Content – we need structured and standardized data in the message

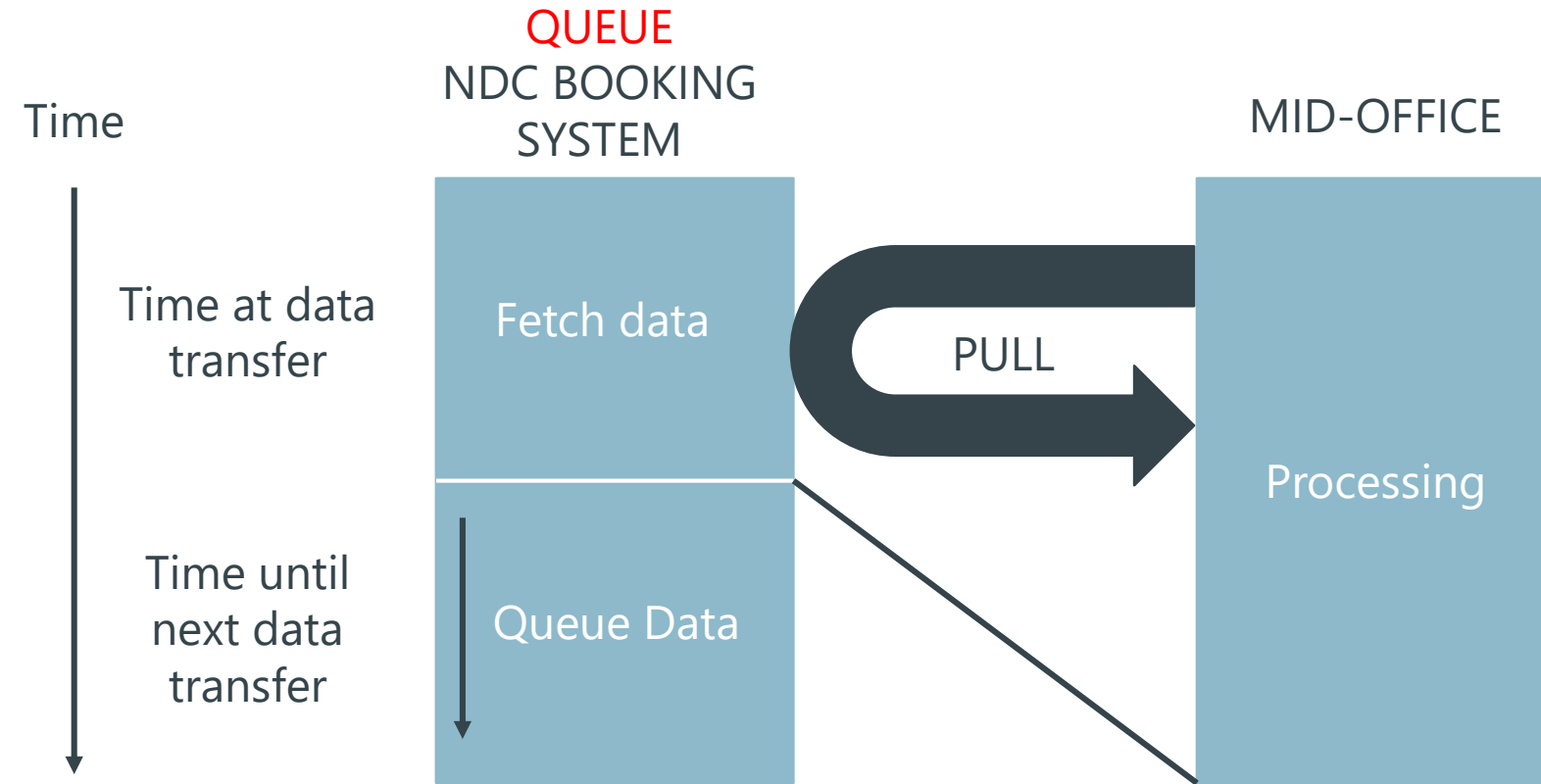


Technology

1. we need a stable process for data delivery between ***the IT player of the TMC*** and a mid/backoffice system for **automation**



PULL Import

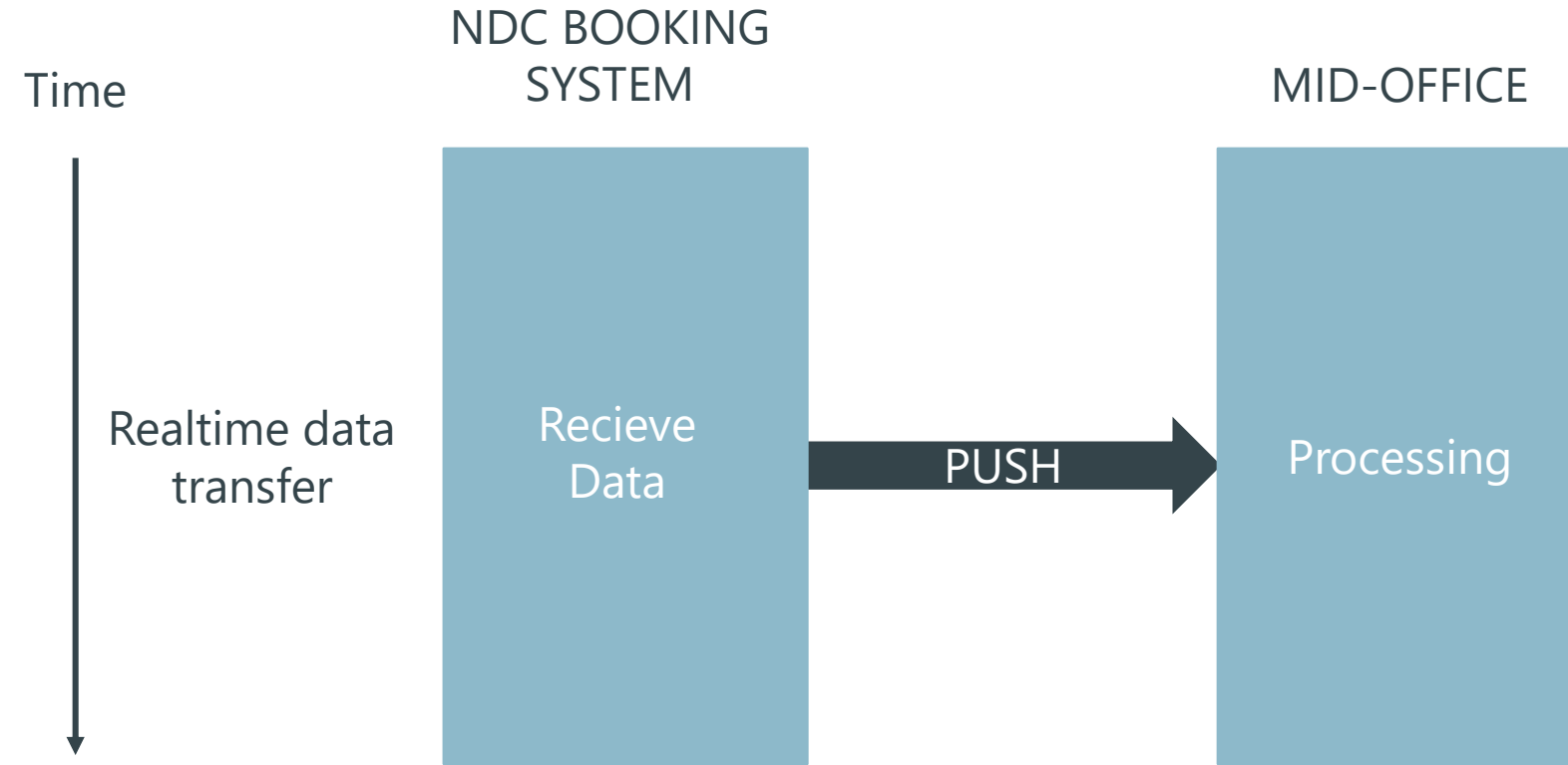


Disadvantages

- N Queueing Processes for every third party system
- Delivery delay due to pull process frequency
- Process Error



PUSH Import



Advantages

- One delivery process for all third party systems
- Reduced Error
- Real time processing
- No queues



Content

2. we need structured and standardized data in the message



Missing data elements for automation – Midoco observations

1. Profile, who is the invoicing company?

- GDS solution : RM element with >RM*DEBTOR:"123456"<

2. Booking channel for automated service fee calculation

- GDS solution : RM element with >RM*TAF:online<



outcome

Automated invoice with all relevant information for the customer **and** the backoffice system:

Invoice 2000519

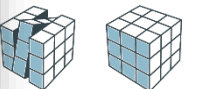
Travel Date: 15 Sep 2020
Project Code: POLARION

Traveller:	Sven Uniglobe		
Ticket number:	2203369541954 Deutsche Lufthansa AG *		284.51 GBP
Routing:	15 Sep 2020 LH0001	Hamburg - Frankfurt/Main 06:00 - 07:10	Booking Class: Q
	Information:	Snack	
	VAT exempt		
Service fee:	2203369541954 (FEE Corporate Ticket)		60.00 GBP
Service fee:	2203369541954 (FEE Corporate Ticket MwSt. full)		21.32 GBP
Project number:	POLARION		

This flight is sold as Agent of the Airline(s) named on the ticket and is not protected under the ATOL scheme.

Traveller:	Sven Uniglobe		
Ticket number:	2203370552045P1 Deutsche Lufthansa AG *		350.00 GBP
Routing:	20 Sep 2020 LH2048	München - Hamburg 06:25 - 07:40	Booking Class: C
	VAT exempt		
Service fee:	2203370552045P1 (FEE Corporate Ticket)		60.00 GBP
Project number:	POLARION		

This flight is sold as Agent of the Airline(s) named on the ticket and is not protected under the ATOL scheme.



outcome

Total amount 775.83 GBP
Amount due 775.83 GBP

Please transfer the invoice amount to the following account

Sales Tax Certificate for	Sales tax ID	%	Net amount	VAT amount	Gross amount
Deutsche Lufthansa AG	DE 122 652 565	0.00	634.51 GBP	0.00 GBP	634.51 GBP
Travel Management Partner		0.00	120.00 GBP	0.00 GBP	120.00 GBP
Travel Management Partner		20.00	17.77 GBP	3.55 GBP	21.32 GBP

The sales tax is calculated for a third party designated in the name and on behalf of the respective traffic and service provider.

* We provide the above services on behalf of the listed service providers.

