

# Airbus speeds up Financial Closing with SAP HANA

SAPPHIRE NOW  
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# AIRBUS - a pioneering spirit with *innovation* and *quality* at the heart of everything

Net Orders

**1,456** aircrafts

Total historic orders

> **15,000** aircrafts

Market Share

> **50%**

Backlog of **6,386** aircrafts

~ **9 years** of full production

Source:  
*Airbus results, July 2014*

# Motivation

Company growth  $\uparrow\uparrow$  =  $\uparrow\uparrow$  Number of transactions

*Modernize!*

Lengthy, manual closing process

*Accelerate!*

Many systems = complex for changes

*Simplify!*

# Airbus Vision & Strategy for Future Finance

## Simple



**All in 1**

Actuals and  
forecasts,  
Beyond Airbus

## Fast



**10..1000x**

Faster reports  
+ Faster data  
availability

## Integrated



**1**

Platform  
for  
finance

## Agile



**20..30 %**

Accelerated  
project  
delivery

**+ World class usability**

# IFRP

*Integrated Finance Reporting & Planning*

1. **Design & setup the IFRP platform**, based on in-memory computing from SAP
2. **Migration** of all finance reporting content and data
3. **Decommissioning** of all current finance reporting platforms

**3**

year transformation  
program

**6**

batches of  
applications



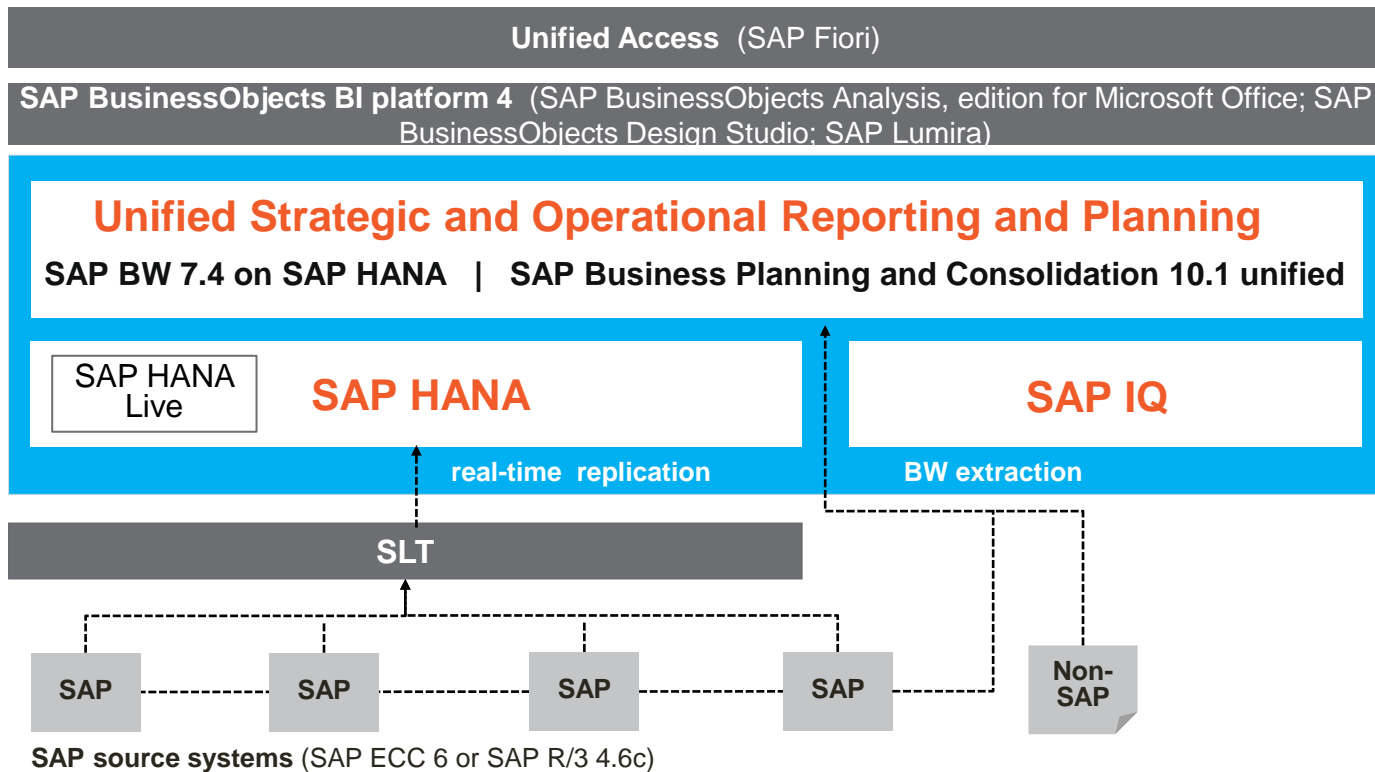
Pilot phase  
successful



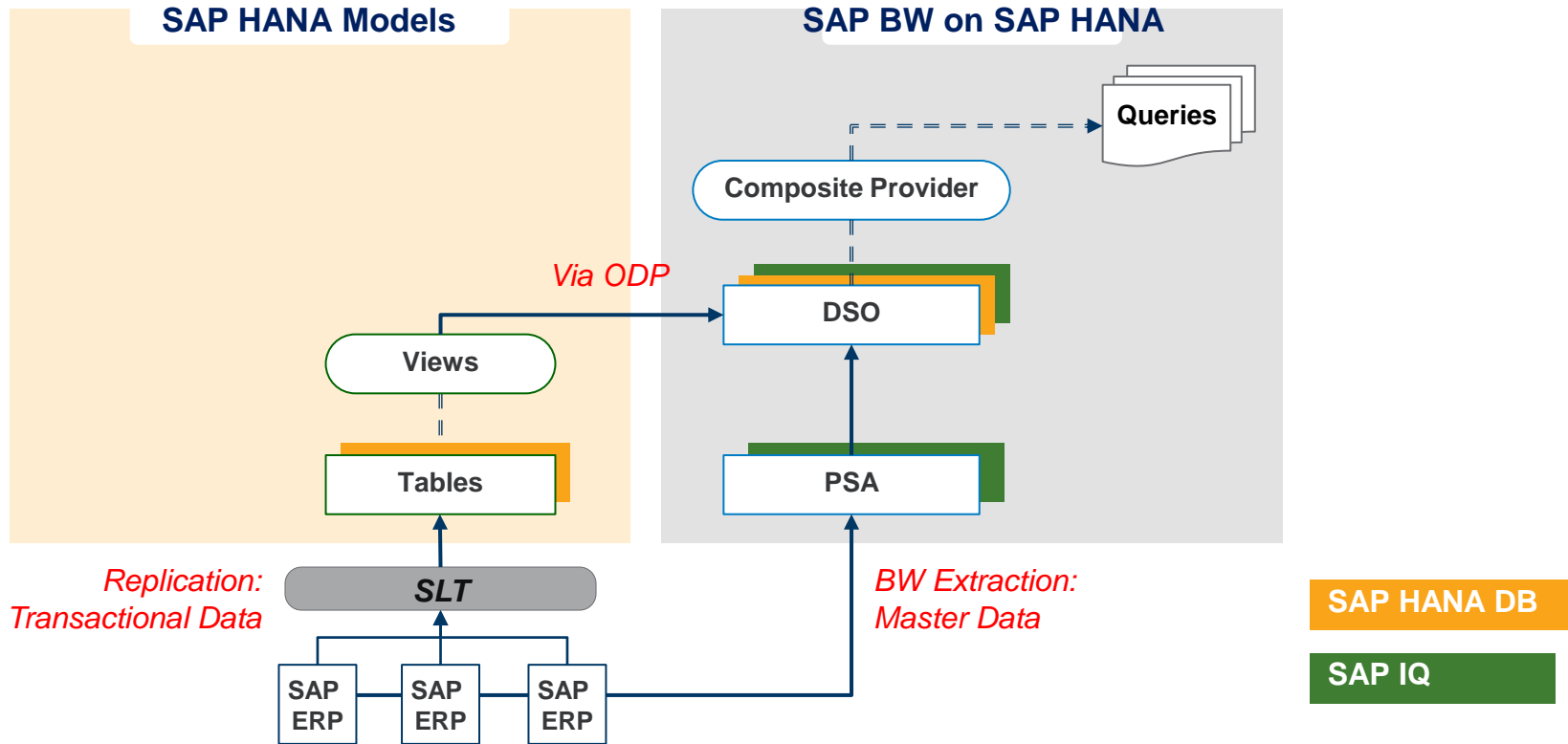
# SOLUTION INSIGHTS



# Platform Architecture



# Hybrid SAP BW on SAP HANA Architecture – *Best of both worlds*





**BENEFITS**

DO NOT PLUG OR DEFORM HOLES  
AREA WITHIN RED LINE MUST BE SMOOTH AND CLEAN

**AIRBUS**  
Infosys®



# Turning Challenges into Competitive Advantages

✗ Fragmented landscapes

✗ Various local solutions

✗ Inefficient nightly, weekly data loads

✗ Complicated, outdated tools



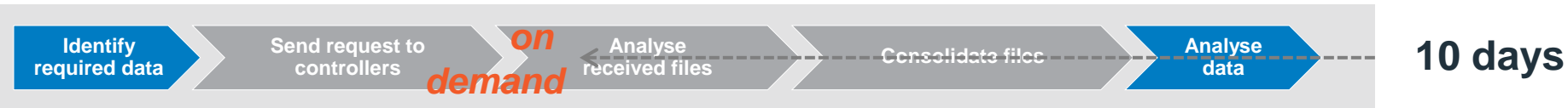
✓ One platform

✓ One harmonized process

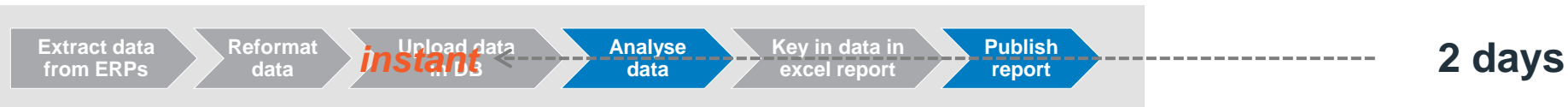
✓ Real-time data availability

✓ Intuitive, self-service BI tools

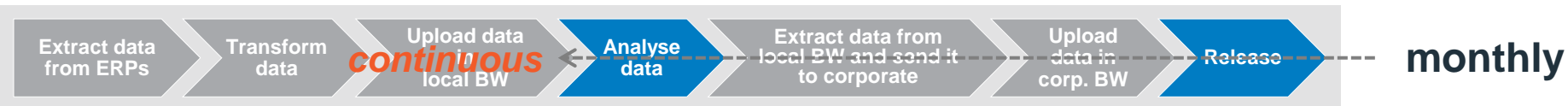
## 1 Question requiring detailed investigation



## 2 Publish transport costs report



## 3 Closing preparation





# LEARNINGS

# Key Learnings from the Pilot

## Wows

- Replication = **data freshness**
- SAP HANA = **very stable**
- **Performance** is great inside SAP HANA views & SAP BW on SAP HANA
- Faster development, **quick learning** curve
- **Reduced memory** foot print using IQ



# Key Learnings from the Pilot

## Watch-outs

- Replication with **SLT** is key
- **Materialization of data necessary in SAP BW** for very large data volumes
- **Partnership** with SAP HANA CoE & Partner **before design time**
- **Start small, expect to be overwhelmed** by demand after first success

# Airbus speeds up Financial Closing using


- ✓ Harmonized processes
- ✓ Integrated platform
- ✓ Hybrid SAP BW on SAP HANA architecture
- ✓ Real-time data replication

# Thank You

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