

# Hyperion Focus 17

## HFM Data Generation from SAP 'Innovation for SAP / HFM Integration'

Peter Day  
EPMFastrack

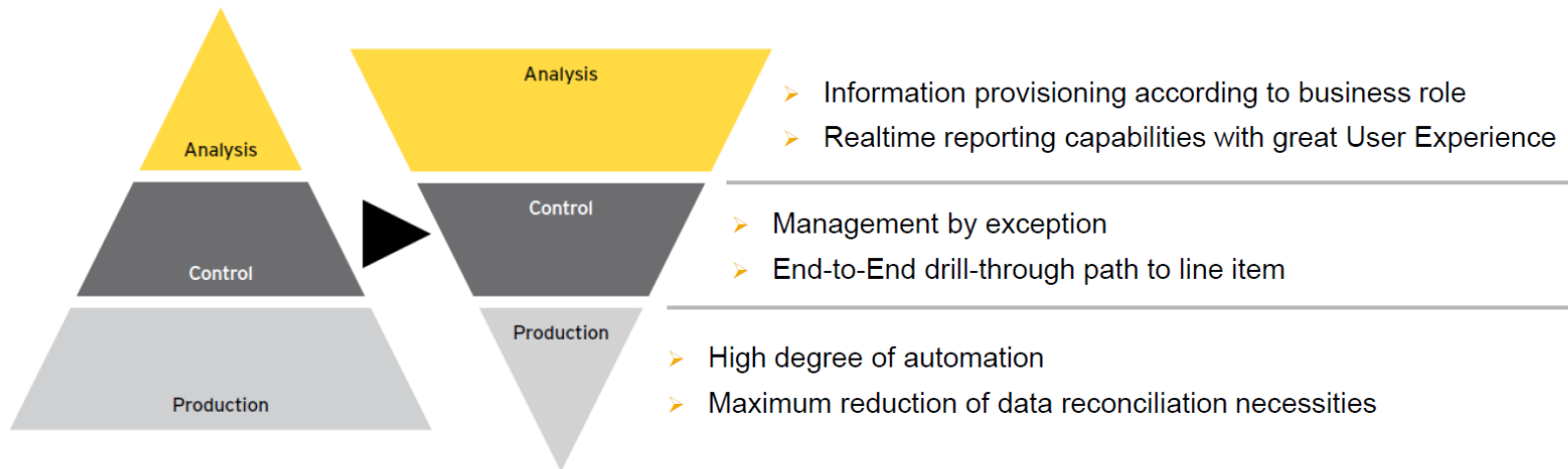
# Reporting Excellence

---

## The transformation of Finance

Value Drivers

---

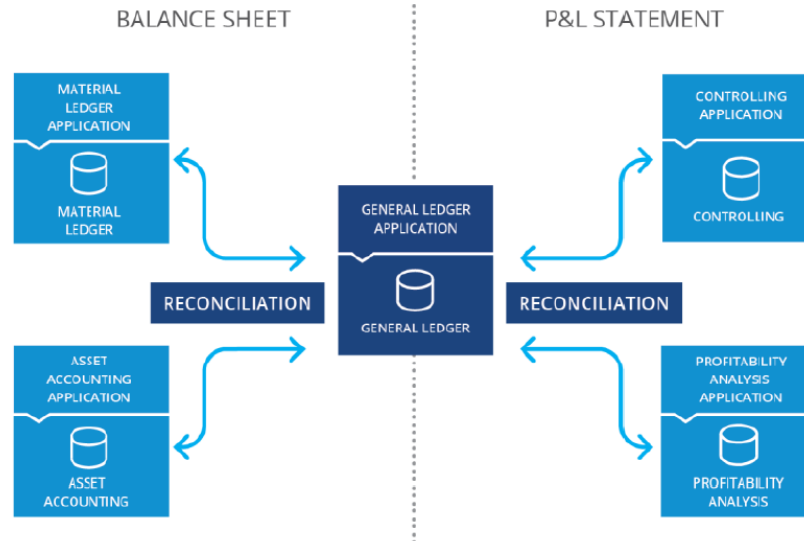


*Source: Ernst&Young; ClosingExcellence –An analysisoftheclosingprocessof60 large andmid-sized Danishcompanies, Nov, 2011*

# SAP – Recognize problems with ECC

## Challenge of the «old» architecture

### Reconciliation and insight



- **Reconciliation required** between general ledger and sub-ledgers
- The different components hold **different levels of data granularity**
- **Multiple extractors needed** to combine and report on the data in a Data Warehouse

# SAP ECC Tables

## Totals Table

RBUKRS	Company Code
RYEAR	Fiscal Year
RTCUR	Currency
RACCT	G/L Account
RASSC	Intercompany
RCNTR	Cost Centre
PRCTR	Profit Centre
HSLVT	Local Curr. Open
HSL01	Local Curr. Period 1
HSL02	Local Curr. Period 2
HSL16	Local Curr. Period 2

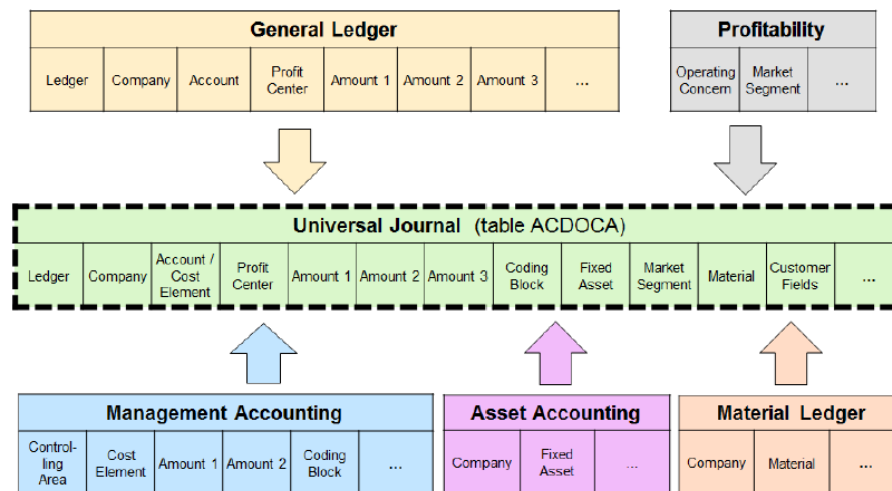
75000 records

## Line item Table

RBUKRS	Company Code
RYEAR	Fiscal Year
RTCUR	Currency
RACCT	G/L Account
RASSC	Intercompany
RCNTR	Cost Centre
PRCTR	Profit Centre
DOCNR	Document number
DOCLN	Document item
MATNR	Material number
POPER	Period
TSL	Transaction Amount
HSL	Local Amount

30 million records

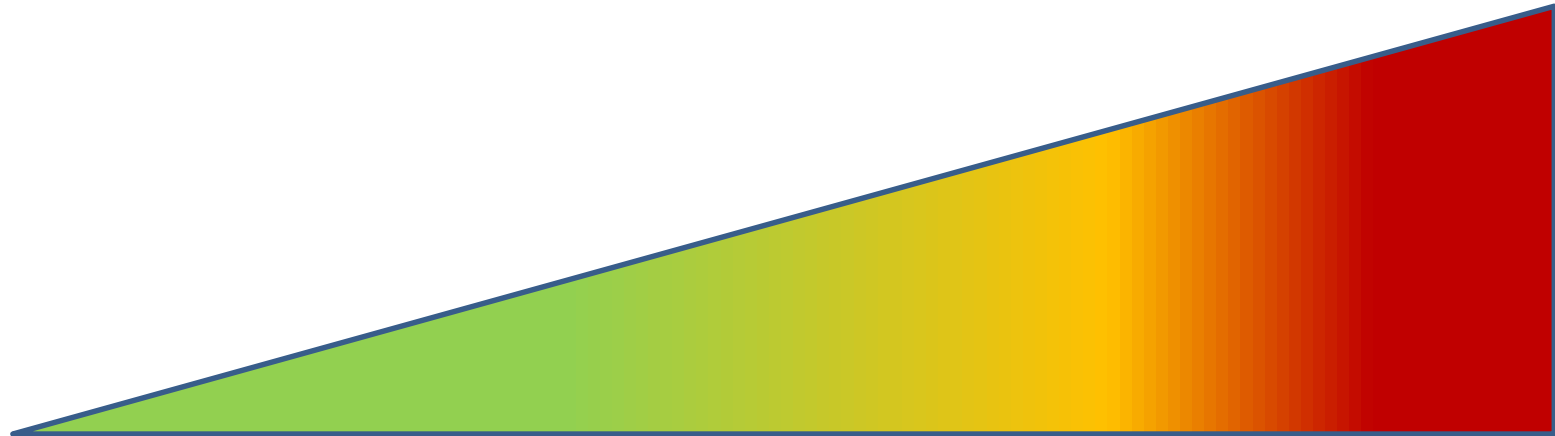
# S/4 Finance



- **One line item table** with full detail for all applications
- Data stored only once: **no more reconciliation** needed - by design
- **Fast multi-dimensional reporting** possible without replication

# Granularity of Information

---



Simple Trial  
Balance

Multiple Submissions  
Analysis in Custom fields  
based on totals table

Complex analysis from  
transaction items, e.g.  
ship to party and  
material

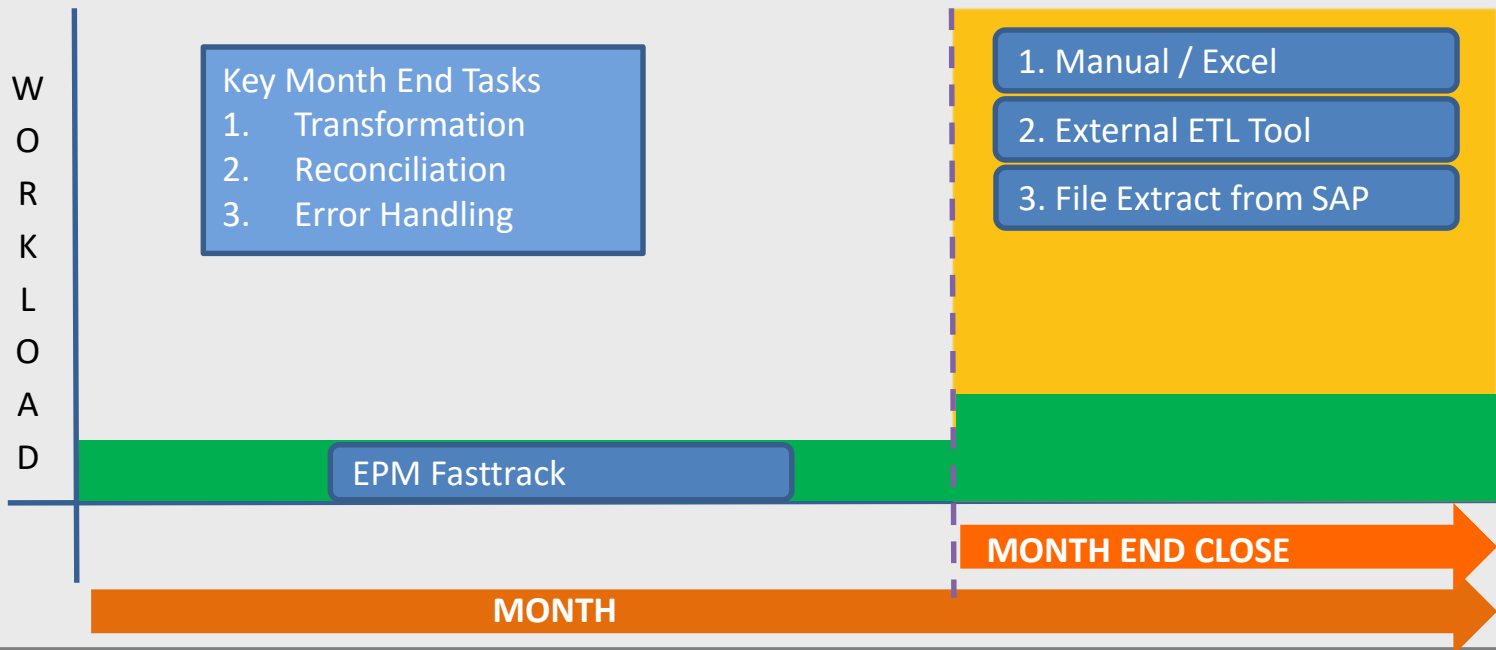
# Our Approach

---

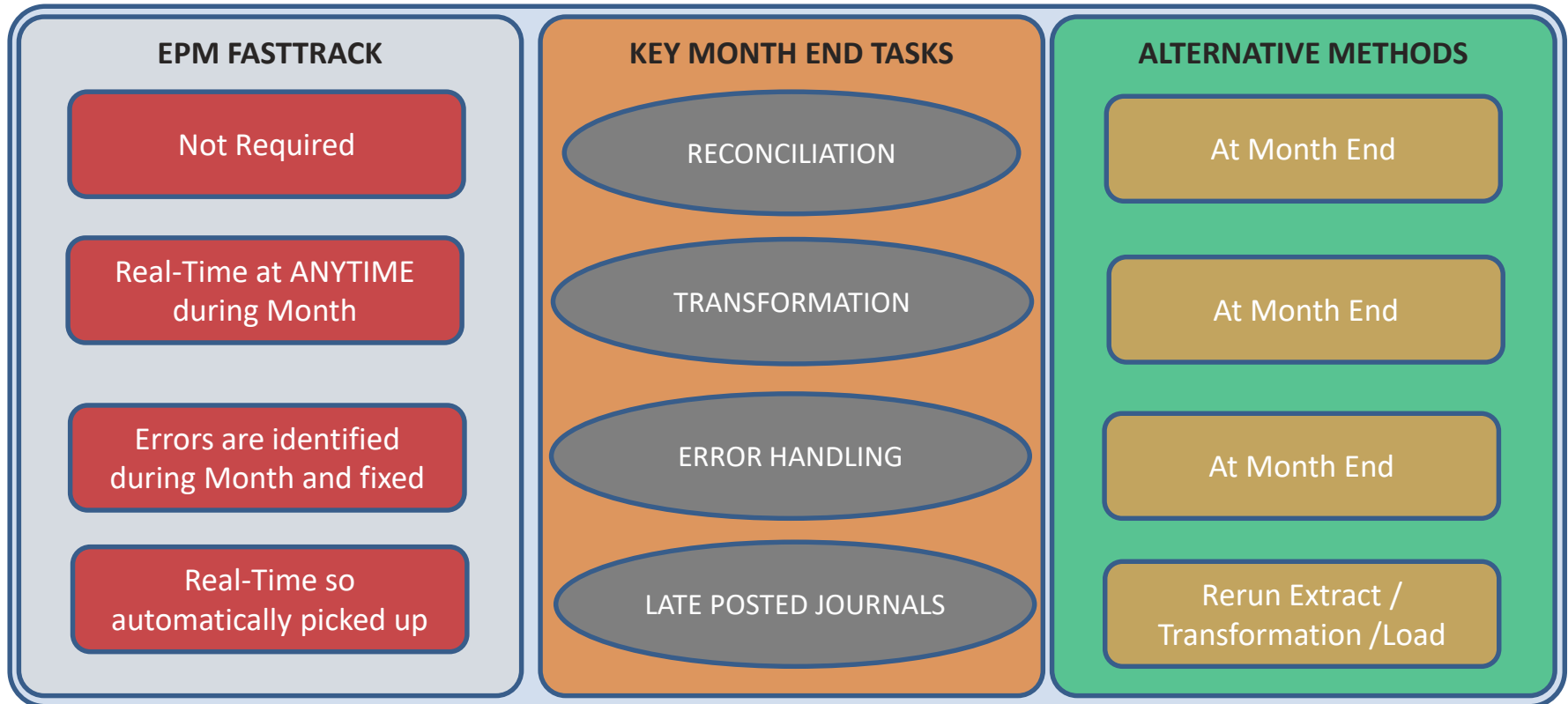


# Availability of data 24/7

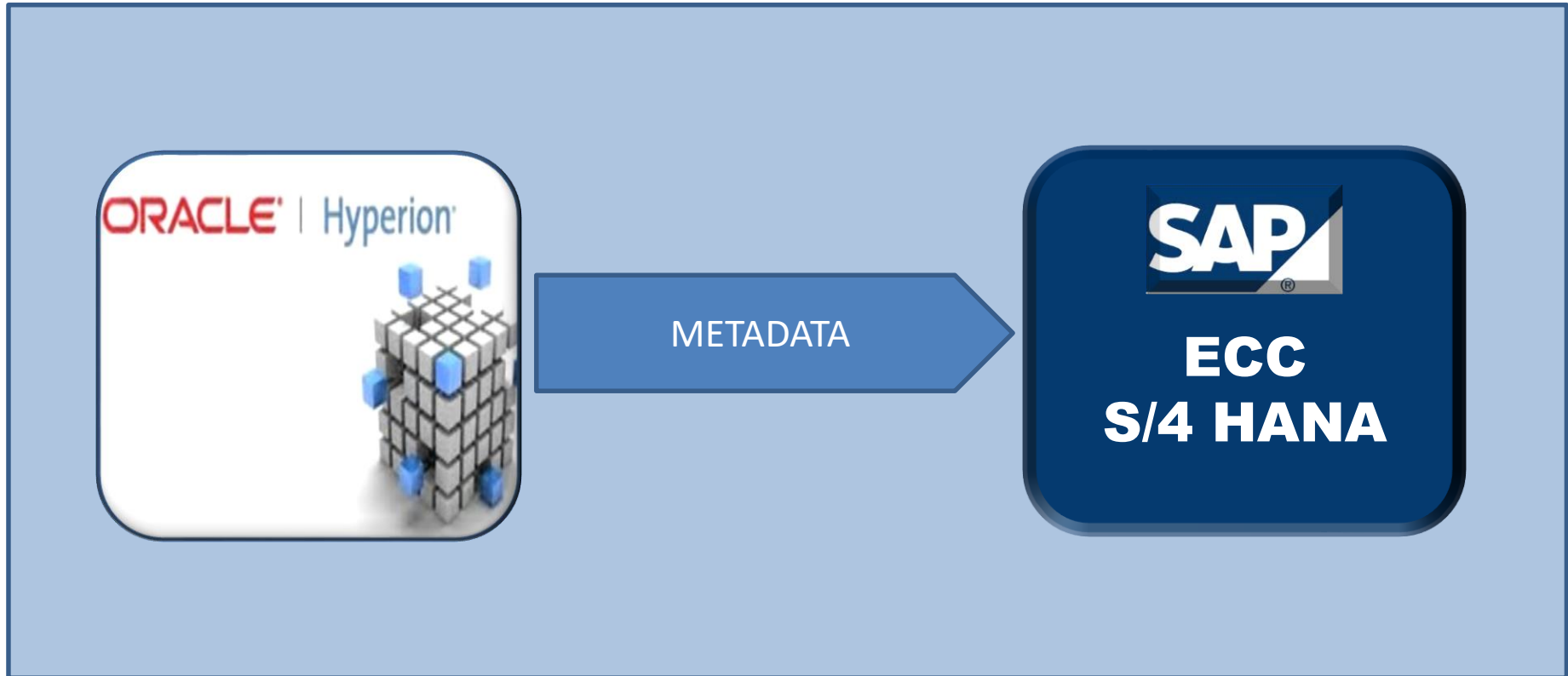
## WORKLOAD BASED ON KEY MONTH END TASKS



# Comparison of month end options

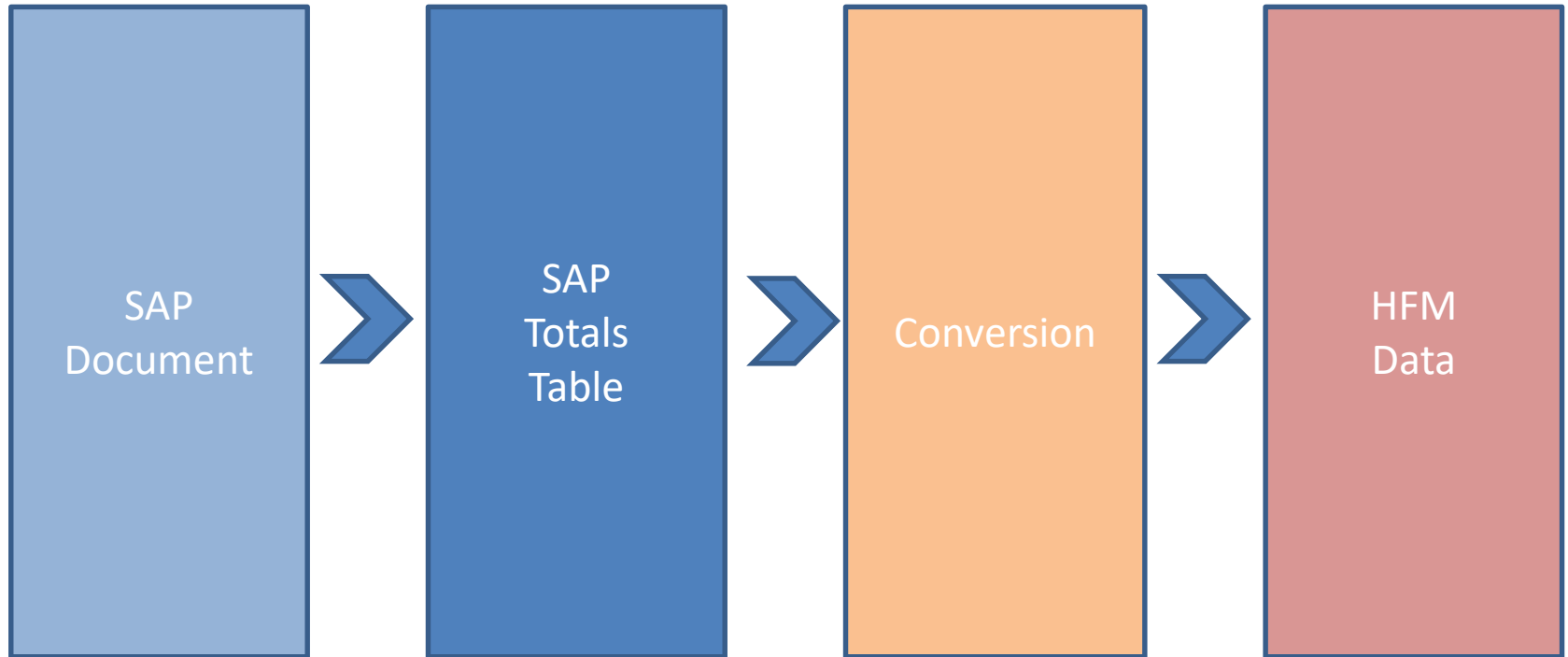


# How – Transfer Metadata to SAP



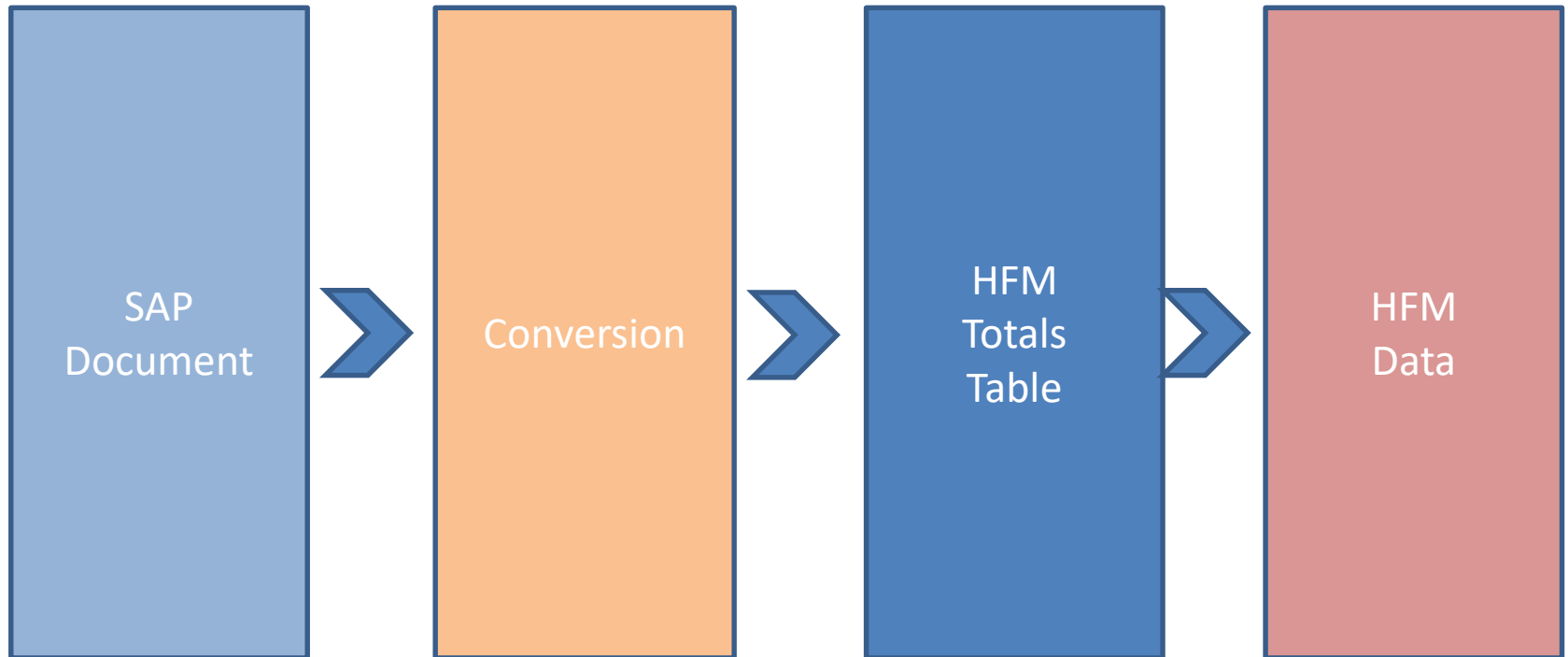
# SAP ECC - Totals Tables – Low Medium Granularity

---



# SAP ECC – High Granularity

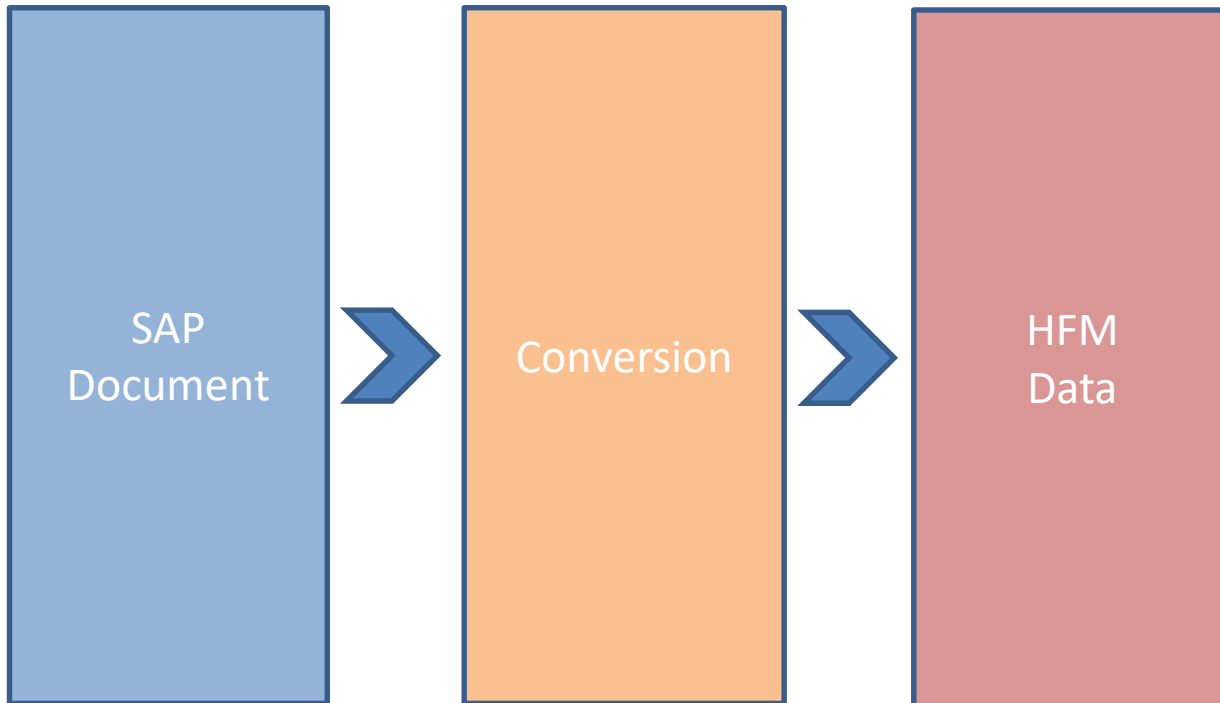
---



Transformation carried out on each document line as posted

# SAP ECC – High Granularity

---



# Future developments

---

- ODATA service providing real-time HFM data
- Continual monitoring with workflow notification
- Fiori apps and dashboard

# Demo

Scenario	Year	Period	View	Entity	Val..	Account	Custom..	Custom 2	Custom..	Custom..	ICP	Σ	Amount
ACTUAL				E209		1000_1120	GB	ABG	VHRATE				185.730,89-
ACTUAL				E209			BE	ABD	VHRATE				662.173,17-
ACTUAL				E209			FI	ABD	VHRATE				68.313,65-
ACTUAL				E209			BE	ABG	VHRATE				633.044,92-
ACTUAL				E209			KR	ABG	VHRATE				25.168,68-
ACTUAL				E209			KR	ABD	VHRATE				25.221,35-
ACTUAL				E209			SE	ABG	VHRATE				20.266,63-
ACTUAL				E209			GB	ABD	VHRATE				242.118,41-
ACTUAL				E209			IN	ABG	VHRATE				63.928,97-
ACTUAL				E209			TW	ABG	VHRATE				3.406,50-
ACTUAL				E209			SG	ABG	VHRATE				8.281,78-
ACTUAL				E209			IE	ABD	VHRATE				34.900,24-
ACTUAL				E209			ZA	ABG	VHRATE				25.308,50-
ACTUAL				E209			IL	ABD	VHRATE				17.478,57-
ACTUAL				E209			ID	ABG	VHRATE				66.224,48-
ACTUAL				E209			ID	ABD	VHRATE				31.268,33-
ACTUAL				E209			IN	ABD	VHRATE				64.704,82-
ACTUAL				E209			UA	ABG	VHRATE				60,41-
ACTUAL				E209			HK	ABD	VHRATE				29.406,83-
ACTUAL				E209			PT	ABD	VHRATE				49.631,96-
ACTUAL				E209			IS	ABG	VHRATE				14.246,66-
ACTUAL				E209			CN	ABG	VHRATE				43.123,56-
ACTUAL				E209			CA	ABG	VHRATE				26.376,60-
ACTUAL				E209			SG	ABD	VHRATE				14.831,93-
ACTUAL				E209			FR	ABD	VHRATE				370.894,08-
ACTUAL				E209			CA	ABD	VHRATE				20.532,08-
ACTUAL				E209			PT	ABG	VHRATE				55.449,82-
ACTUAL				E209			HK	ABG	VHRATE				5.230,63-
ACTUAL				E209			IE	ABG	VHRATE				20.144,95-
ACTUAL				E209			FR	ABG	VHRATE				393.220,32-
ACTUAL				E209			MX	ABD	VHRATE				697,09-
ACTUAL				E209			ES	ABD	VHRATE				101.603,35-
ACTUAL				E209			RU	ABG	VHRATE				210.572,07-
ACTUAL				E209			ES	ABG	VHRATE				68.423,30-
ACTUAL				E209			AR	ABD	VHRATE				743,12-
ACTUAL				E209			CN	ABD	VHRATE				34.802,25-
ACTUAL				E209			TR	ABD	VHRATE				25.076,18-
ACTUAL				E209			UA	ABD	VHRATE				35,25-
ACTUAL				E209			AE	ABD	VHRATE				493.113,20-
ACTUAL				E209			AE	ABG	VHRATE				344.528,70-

# Hyperion Focus 17

## Thank you

