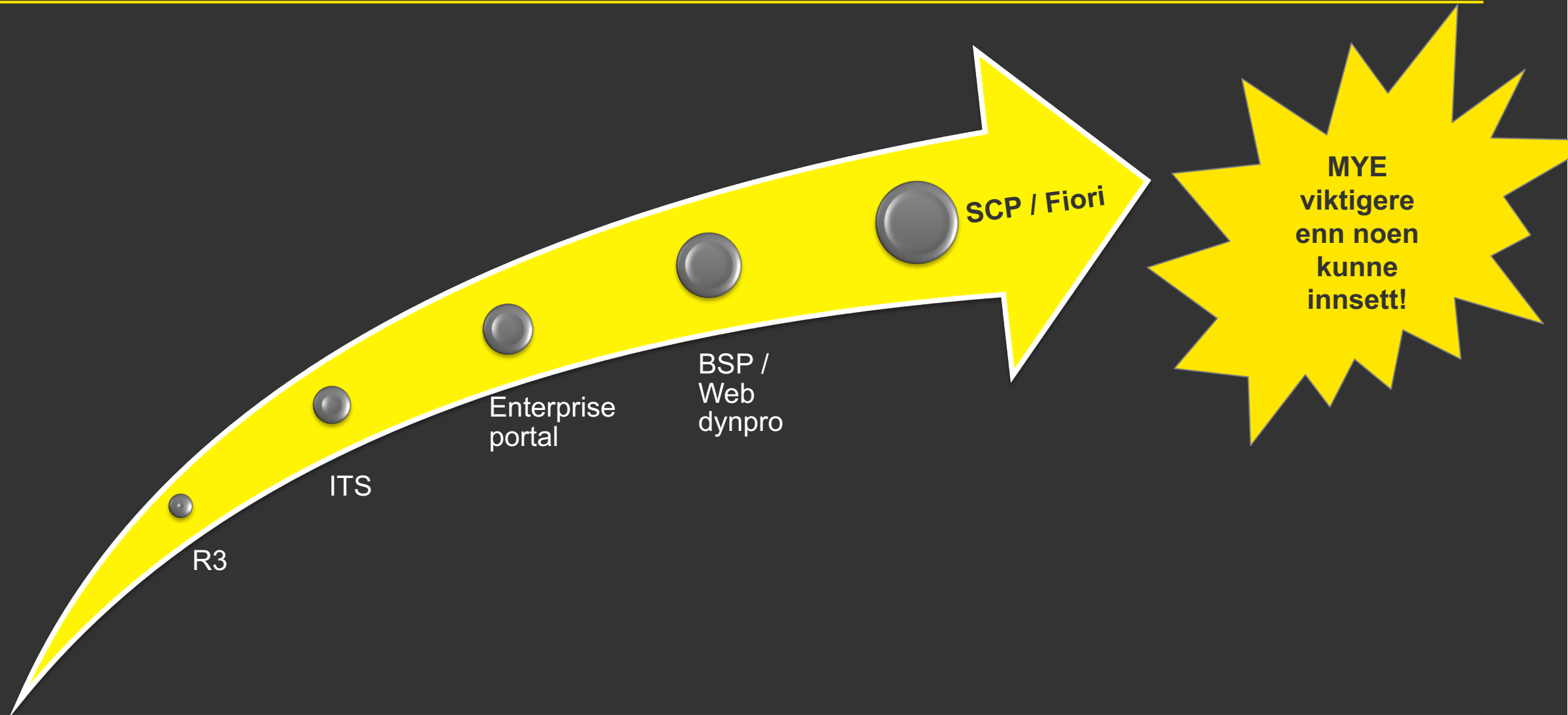


SBN S/4HANA in Focus

Erik Hedlund

FIORI DEVELOPMENT

Tidslinje – Hvorfor er UX viktig for SAP



SAP standard applications

+

FREEDOM



SAP = innovasjonsplattform

Fremtiden er for de unge

Gjennomsnittsalder

49

Mann / Kvinner miks

100% menn

Gjennomsnittsalder

29

Mann / Kvinne miks

50% kvinner
50% menn

- ▶ Antall nye Abap utviklere synker, antall java utviklere øker. Flere kvinner kommer inn

Motargumenter mot Fiori utvikling

- ▶ ***Vanskelig og dyrt***

- ▶ Alle våre prosjekter har gått på tid og pris
- ▶ Turnover tid på prosjekter er i snitt dager til noen uker fra ide til produkt
- ▶ Fiori er en del av standard leveransen

- ▶ ***Du må forstå datastrukturen til SAP for å lage gode applikasjoner***

- ▶ Det er ofte en fordel å ikke ha inngående kjennskap. Grensesnittene er ferdig laget

- ▶ ***Gateway(Fiori frontend server) må inn***

- ▶ Standard leveranse av standard produkt (embedded)

- ▶ ***Mye z utvikling?***

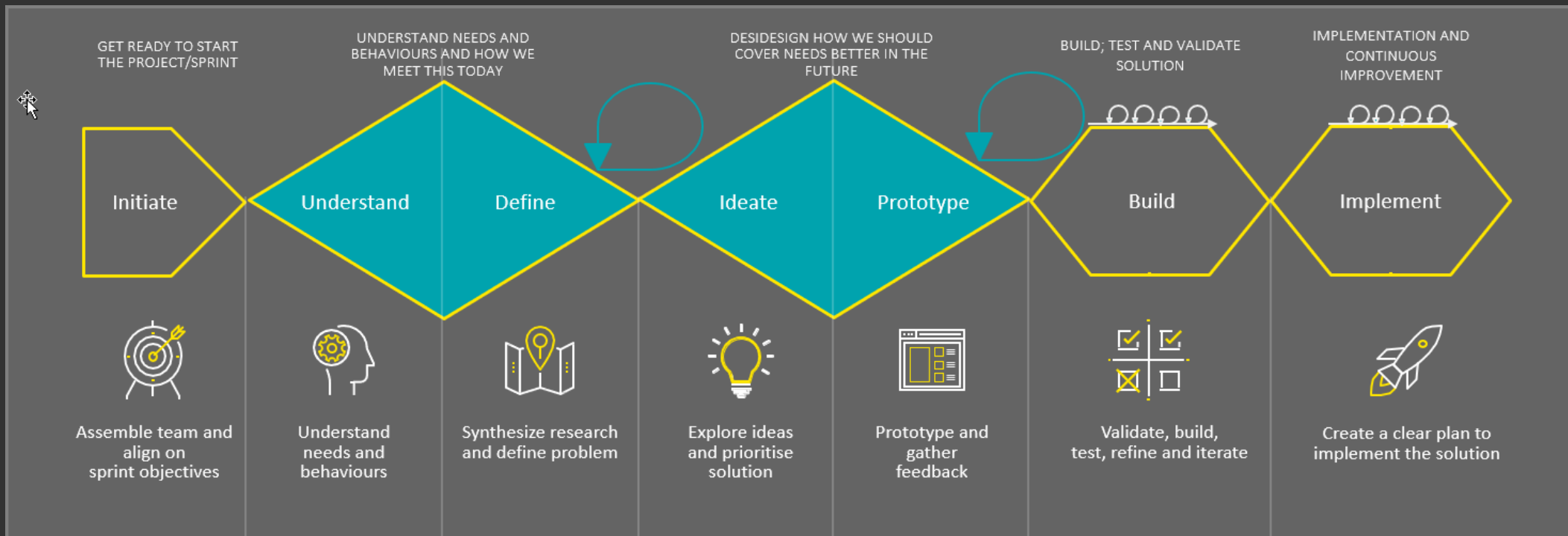
- ▶ Vi bruker SAP Standard core (Keep the core clean)

Hva betyr alt dette



Intent-based UX

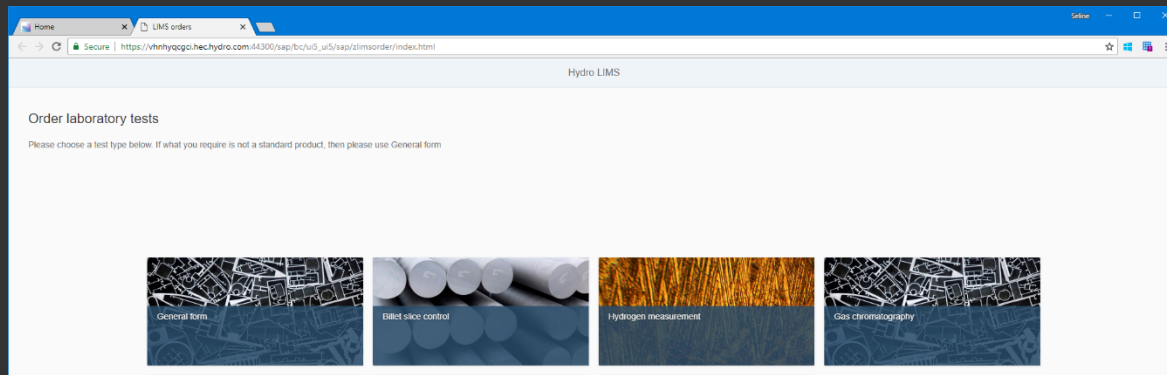
- ▶ UX Design = User Experience Design
- ▶ UI Design = User Interface Design.
 - ▶ Both elements are crucial to a product and work closely together.
- ▶ Intent-based UX is where we try to predict the next decision of the user.



Noen eksempler

- ▶ Hydro
- ▶ AkerBP
- ▶ Standard SAP FIORI





Hydro lab manager

Seline Tomt (A164964)

Site: **RTDKarmøy** Open cases: **7** PCS In process: **28** PCS Due this week: **0** PCS Overdue: **57** PCS

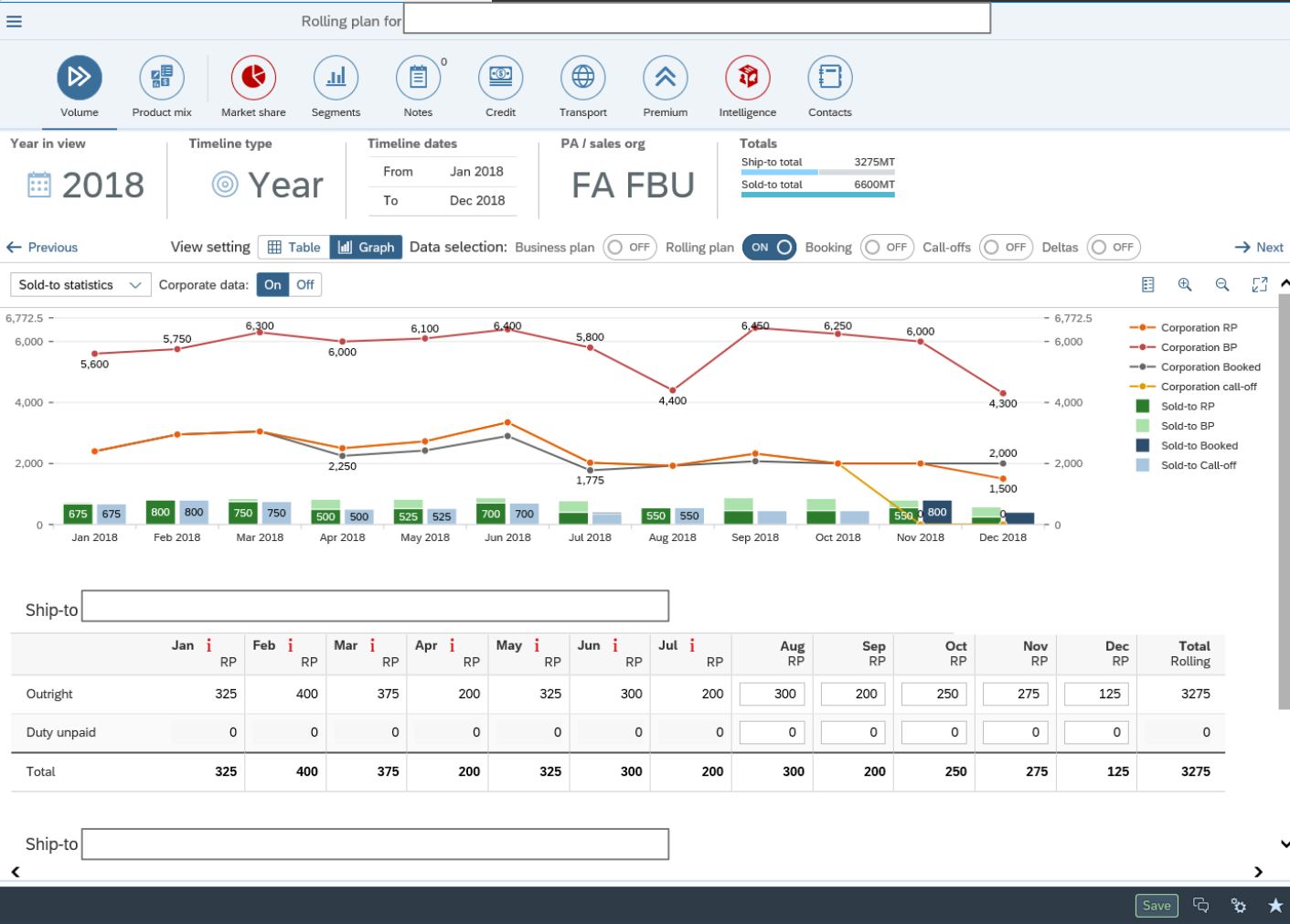
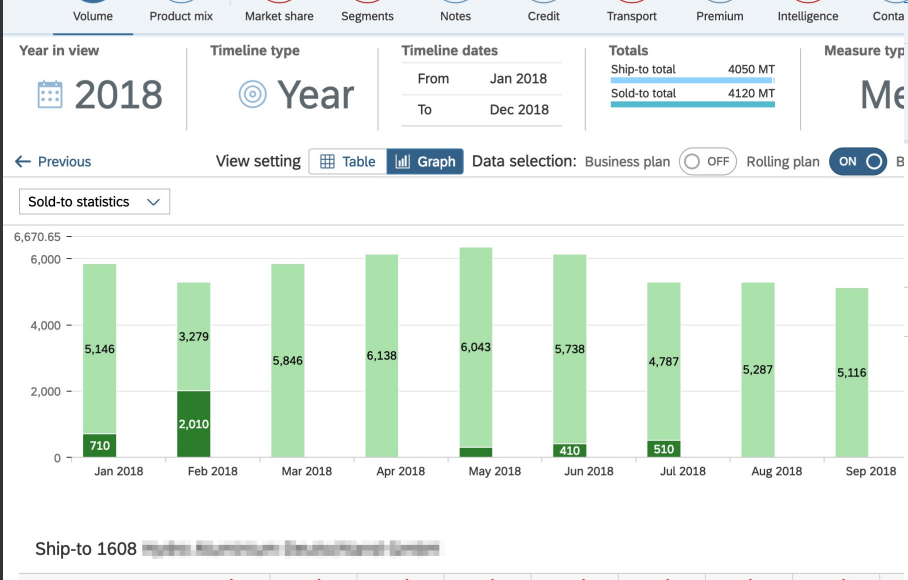
My worklist Open cases In process Review Overdue Departments Task overview Search cases

Cases (30) All Created by me Remove all table filters Filter

Id	Status	Customer	End customer	Service type	Case title	Category	Created by	Assi...	Planned...	Cats	Urgency
200000139	Review			General form	Analysis of Al-5% B Masters alloys	Technical Su...	Shahid Ak...	2/2	15.12.2017	30000104	
200000239	Review			General form	Macro Examination of Cast Bar	Technical Su...		1/1	15.1.2018	30000167	
200000240	Review			General form	Examination of Grøtt metall	Technical Su...		2/2	22.1.2018	30000168	
200000283	Review			General form	IGC Smeierner	R&D Project		2/2	9.2.2018	30000201	
200000313	Review			General form	14 Line Scan Zn Galv and Pol JHN	External		3/3	1.2.2018	580103	
200000336	Review			General form	Analysis of Al-5 % B (AlB2)	Technical Su...		3/3	2.2.2018	30000236	
200000399	Review			General form	Round Robbin test - Strekkprøver	Technical Su...		1/1	2.3.2018	30000276	
200000446	Review			General form	Muangthong, Anodised colour issue	External		3/3	22.2.2018	580140	
200000447	Review			General form	Muangthong, Sealing issue	External		2/2	22.2.2018	580141	
200000448	Review			General form	Porosity/Inclusion check ch334731	External		1/1	20.2.2018	580142	
200000449	Review			General form	Continuation 200000438	External		2/2	21.2.2018	580143	
200000457	Review			General form	KAE Casting defects (HAI)	Technical Su...		1/1	2.3.2018	30000313	
200000466	Review			General form	Cutting and marking anodised samples	R&D Project		1/1	28.2.2018	30000323	
200000486	Review			General form	Continuation 200000446	External		1/1	27.2.2018	580162	
200000488	Review			General form	Continuation 200000446 no_2	External		1/1	27.2.2018	580163	
200000504	Review			General form	28 Cathodic activity MPE alloys JHN	External		4/4	16.3.2018	580170	
200000506	Review			General form	Comparison of billet slice and profiles	Hydro Billet ...		3/3	6.3.2018	30000339	
200000515	Review			General form	Grainy appearance on anodised profiles	Hydro Billet ...		1/1	8.3.2018	30000343	
200000519	Review			General form	Check of chemistry in charges for PTT	Technical Su...		1/1	2.3.2018	30000347	

Fiori Built on ECC
6.0 + Gateway

TEST DATA



Fiori Built on ECC
6.0 + Gateway

TEST DATA

Hydro digital maintenance worker

Seline Tomt (A164364)

?

Hjelp

Mine operasjoner

Frist idag

Frist denne uken

Timer registrert denne uken

16

2

16

Min arbeidsliste

Mine arbeidsstasjoner

Søk alle operasjoner

Operasjoner (16)

Ordre - operasjon	Type	Beskrivelse	Teknisk plass	Arbeid
103221669 - 10	Z001			
103221677 - 10	Z001			
103221679 - 10	Z001			
103221679 - 20	Z001			
103221678 - 10	Z001			
103221601 - 10	Z001			
103221711 - 10	Z001			
103221678 - 20	Z001			
103221486 - 10	Z001			

Ordre 103221630

Operasjon 10

2001 Preventive Maintenance

SU4ELME Potrooms ASU, Mechanical

80261286 DEKKESILO KOMBINASJONSKRAN 1

Sortert

Sjekkliste

Beskrivelse og deler

Vedlegg

Sjekkliste

Objektdel	Beskrivelse
Bridge Compressed air installation	Registrer timeteller for kompres Timeteller luftkompressor Meas 100001 ZPM_Timeteller, Timete compressor
S-Trolley Air hoses and turning joints	S-katt Luft slanger/svivler Sjek og slanger/svivler er i orden
S-Trolley Rails with fastening bolts	S-katt Anodeheis muttertr. Sm Funksjonsprøve smørepotte -

DEKKESILO KOMBINASJONSKRAN 10 UKER MEK.

Seline Tomt (A164364) [Hjelp](#)



Ordre 103221630

Operasjon 10

Z001 Preventive Maintenance SU4ELME Potrooms ASU, Mechanical

80261286 DEKKESILO KOMBINASJONSKRAN 1

Tidligst start: 25.1.2019
Tidligst slutt: 25.1.2019
Seline Tomt

Sorteringsfelt TP:

[Sjekkliste](#)
[Beskrivelse og deler](#)
[Vedlegg \(0\)](#)
[Operasjoner \(1\)](#)
[Melding](#)
[Tilbakemelding \(0\)](#)

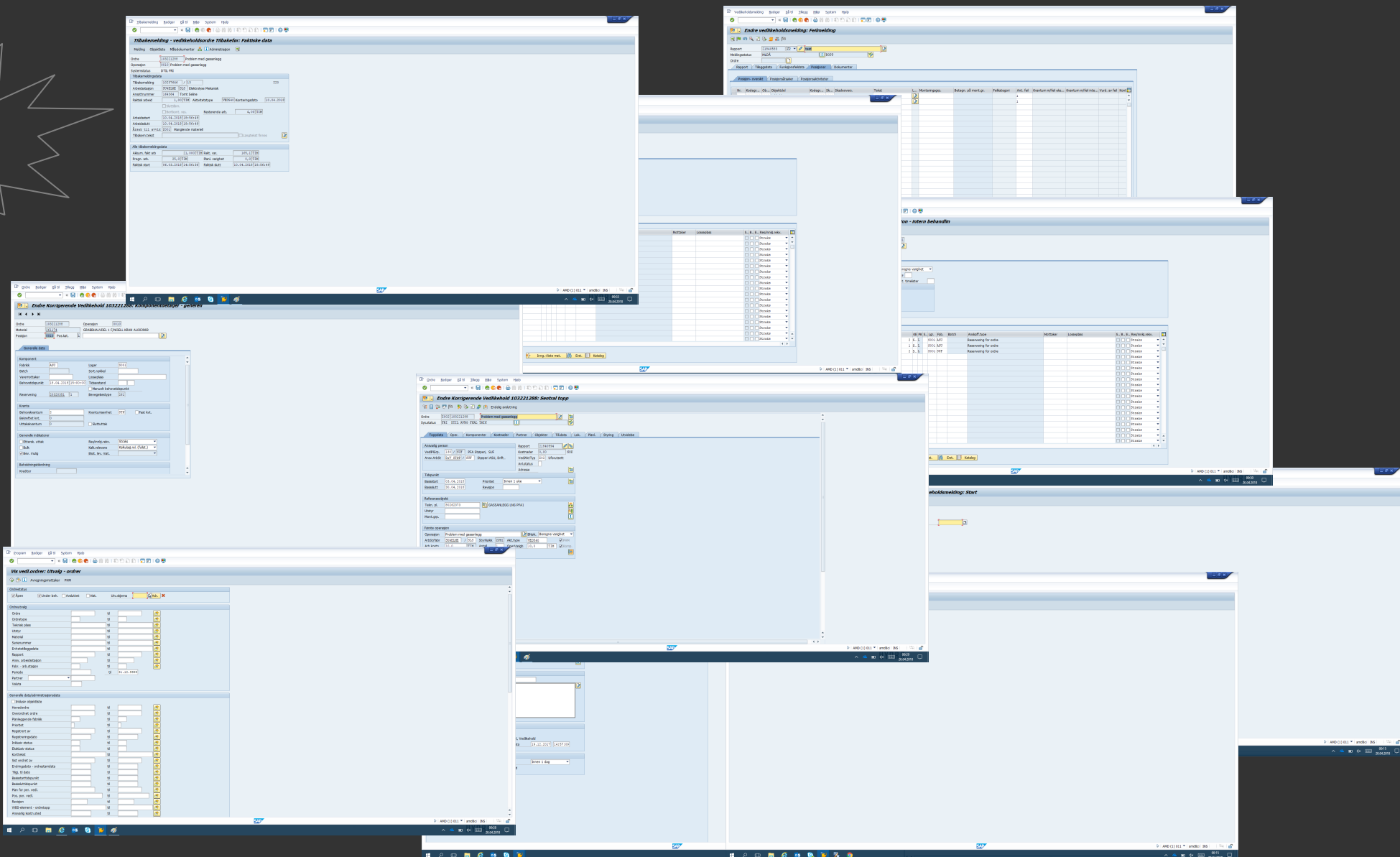
Sjekkliste

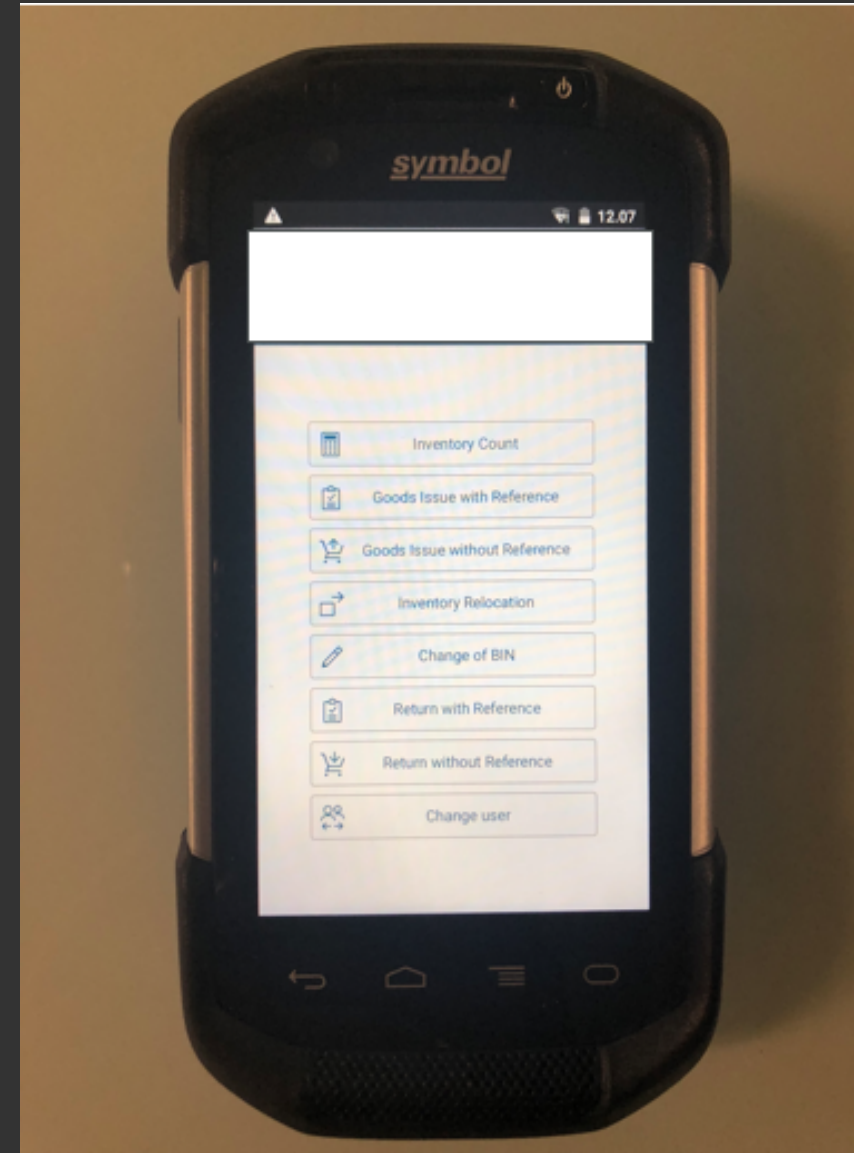
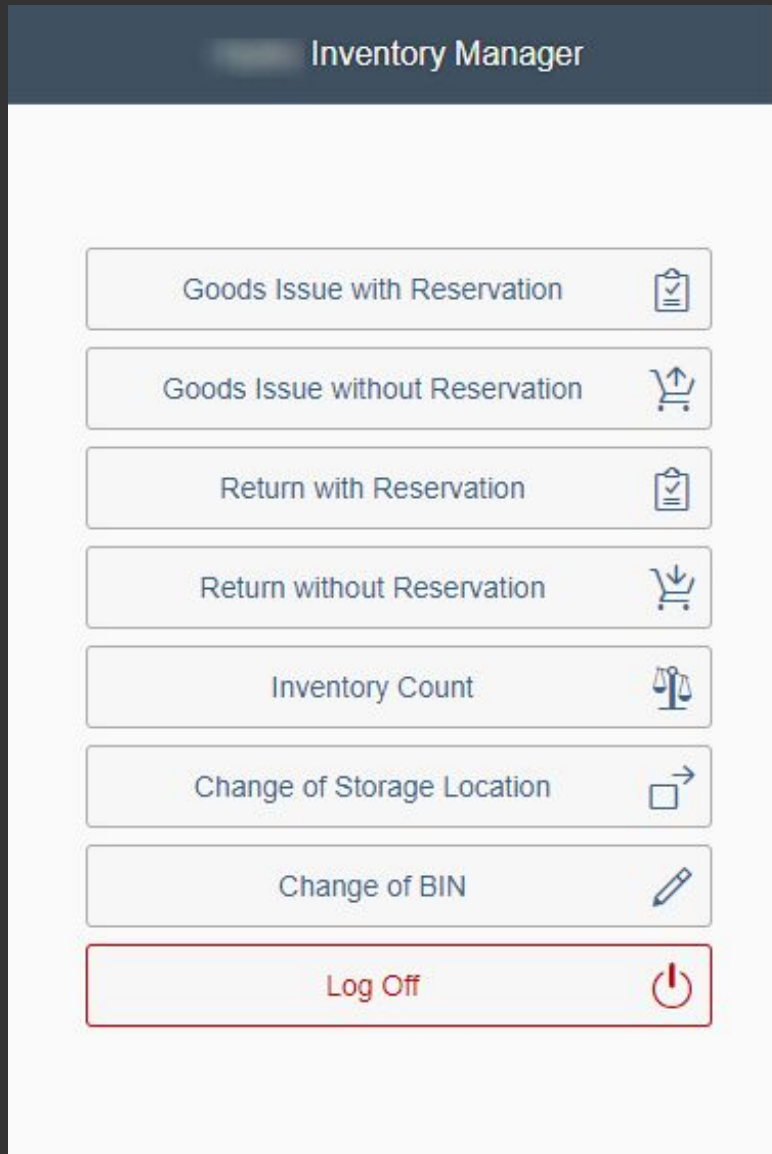
Objektdel	Beskrivelse	Vedlegg	Min/Max	Resultat	Melding	Utført av
Bridge Compressed air installation	Registrer timeteller for kompressor Timeteller luftkompressor Measuring point 100001 ZPM_Timeteller, Timeteller for compressor		1/2500	1000 		Seline Tomt
S-Trolley Air hoses and turning joints	S-katt Luft slanger/sviver Sjekk at loopen og slanger/svivel er i orden			Ikke utført  		Seline Tomt
S-Trolley Rails with fastening bolts	S-katt Anodeheis muttertr. Smørepotte Funksjonsprøve smørepotte - 1 stk			OK  		Seline Tomt
S-Trolley Cabin Overpressure fan	S-katt Kabin Overtrykksvifte Kontroll overtrykk (kabintetting) ved: Max pådrag vifte: Overtrykk større enn 30mbar		35/41			

Lagre

Avbryt

Replaces
50 +
transaction







Svein R Brandtzæg @SRBrandtzæg · 15. jun.

@NorskHydroASA Sunndalsøra - in the frontline of Industry 4.0 - implementing new digital tools and processes



Svein R Brandtzæg @SRBrandtzæg · 15. jun.

@NorskHydroASA Sunndalsøra innfører nå iPad løsninger for SAP vedlikehold. Viktig del av vår strategi for Industri 4.0





Workforce

Aker BP Scheduling App (7520 Alvheim)

Default

Basic start:
dd.MM.yy to dd.MM.yy

Maintenance plant:

Order type:

Order:

Revision:

Functional location:

Main work center:

System status:

User status:

Priority:

System shutdown code:

System condition:

Planning group:

Object type:

Adapt Filters Go

Workorders and workcenters

Mass change Simulate maintenance plan Columns

		May 2019	June 2019	July 2019	August 2019							
☐	Order (43)	Description	4.	12.5.	26.5.	9.6.	23.6.	7.7.	21.7.	4.8.	18.8.	
☐	> 100027795	Skift NRV på DB/B ventil 20V6028										
☐	> 100029447	FTN Insp av Sea Chest 54 Nozzle Flanges										
☐	> 100029482	MP19-Jobb#30, F-Dekk AFT STB	MP19-Jobb#30, F-Dekk AFT STB									
☐	> 200021928	21HV6027 - N3TP ventil lekker										

Aggregations Day Week Revision

		May 2019	June 2019	July 2019	August 2019						
	Workcenter (11)	Description	4.	12.5.	26.5.	9.6.	23.6.	7.7.	21.7.	4.8.	18.8.
	ELECTRIC	Electrical Department		0							
	EXTFORCE	External Service Force			0						
	INSTRUM	Instrument Technicians			0 / 0						

Save Cancel

Aker BP Scheduling App (7520 Alvheim)

Workorder 100029482

Description:
MP19-Jobb#30, F-Dekk AFT STB

Revision:
CAMPSURF

Basic start:
4.4.2019

Basic end:
30.7.2019

Main functional location:
PM ROUTINES - VARIOUS AREAS

Main work center:
Marine Supervisor

Work plan:

Estimated hours:

Priority:
Routine (Low)

Notification:
400058713

System status:
CRTD PRC SSAP MANC NMAT

User status:
Initial

View details

Order type:
▼

Order:
▼

Revision:
▼

Functional location:
▼

Main work center:
▼

System shutdown code:
▼

System condition:
▼

Planning group:
▼

Object type:
▼

Adapt Filters

Go

May 2019

June 2019

July 2019

August 2019

September 2019

12.5.

26.5.

9.6.

23.6.

7.7.

21.7.

4.8.

18.8.

1.9.

15.9.

29.9.

MP19-Jobb#30, F-Dekk AFT STB

May 2019

June 2019

July 2019

August 2019

September 2019

12.5.

26.5.

9.6.

23.6.

7.7.

21.7.

4.8.

18.8.

1.9.

15.9.

29.9.

Page 19 29 May 2019

Temporary Equipment Z-015



Temporary equipment 



Temporary equipment

Nicholas Owen Omalley - NICOMA

Work order list

Search

Equipment type (4)

Filter 

Work order	Material	Description	Serial	Installation	Created	Equipment Status	Work order Status	Zone	Creator
100029842				Alvheim FPSO - Tananger	14.02.2019	Header data created	Released		Hasan Mohiddin
100029867	1000042585	COMPRESOR,GAS, CENTRIFUGAL:1ST AND 2ND	SN123456	Alvheim FPSO - Tananger	22.02.2019	Documentation completed	Created	Zone1	Hasan Mohiddin
100029868	1000099920	GASKET:FILLED,GRAPHITE,14IN,600LB		Alvheim FPSO - Tananger	22.02.2019	Header data created	Technically completed		Hasan Mohiddin
100029937	1000099373	COMPRESOR:BITZER,TYP 4		Alvheim FPSO - Tananger	29.03.2019		Created		Vidar Terjesen

Temporary Equipment



Temporary equipment 







100029867 - Documentation completed

Temp. Equipment_Vendor Owned

Serial: SN123456

Material ID: 1000042585

Created: 22.02.2019

Installation: Alvheim FPSO - Tananger

Equipment: M - Kjøle- og frysecontainer

Description: COMPRESSOR,GAS, CENTRIFUGAL:1ST AND 2ND

Last updated: 09.05.2019



Header data

Z-015 M

Deviation

Hook-up checklist

Log

Attachments

Approve all

Control point	Description	Reference	Status	Receiving company	Remarks
1	MECHANICAL				
1.1	Signs tagging/labelling	4.6	Defective	Defective	rem
1.2	Yearly inspection (lifting equipment, cert.)	4.4.1	Approved	Approved	
1.3	Mech. Cond. (lifting eyes/points, structure)	4.4.1	Approved	Approved	
1.4	Fire class	4.4.1	Approved	Approved	
1.6	Self-closing doors	4.4.1	Approved	Approved	
3	ELECTRICAL				

Save

Temporary Equipment



Temporary equipment 







100029867 - Documentation completed

Temp. Equipment_Vendor Owned

Serial: SN123456
Equipment: M - Kjøle- og frysecontainer

Material ID: 1000042585
Description: COMPRESSOR,GAS, CENTRIFUGAL:1ST AND 2ND

Created: 22.02.2019
Last updated: 09.05.2019

Installation: Aivneim FPSO - Tananger



Header data

Z-015 M

Deviation

Hook-up checklist

Log

Attachments

Description	Status	Remarks
Bruker: Installert på korrekt lokasjon		
Arbeidsområde og rømningsveier er uten hindringer		
Tekniske grensesnitt er sjekket, godkjent og dokumentert	Yes	
Utslippstiltak er på plass	No	
Brannslukningsutstyr er på plass	Not applicable	
Alarmsystemer og kommunikasjon sjekket ifbm oppkopling:		
Referanse til «Control Software Change Log» (SQR, SCR, SEM, PIMS, SCM)		
Generell alarm		
Detektorer for brannfarlig og H2S-gass		
H2S-alarm		

Save

Temporary Equipment



Temporary equipment 







100029867 - Documentation completed

Temp. Equipment_Vendor Owned

Header data Z-015 M Deviation Hook-up checklist Log Attachments

> Add a new log input

Search   

Nicholas Owen Omalley
09.05.2019 at 12:10
Equipment status changed into Header data created

Nicholas Owen Omalley
09.05.2019 at 12:36
Status for deviation Signs tagging/labelling is changed into Deviation created

Nicholas Owen Omalley
09.05.2019 at 13:46
Status for deviation Signs tagging/labelling is changed into Deviation approved



Nicholas Owen Omalley
09.05.2019 at 12:10
Equipment status changed into Awaiting inspector info

Nicholas Owen Omalley
09.05.2019 at 13:46
Status for deviation Signs tagging/labelling is changed into Deviation for approval

Nicholas Owen Omalley
09.05.2019 at 13:47
Equipment status changed into

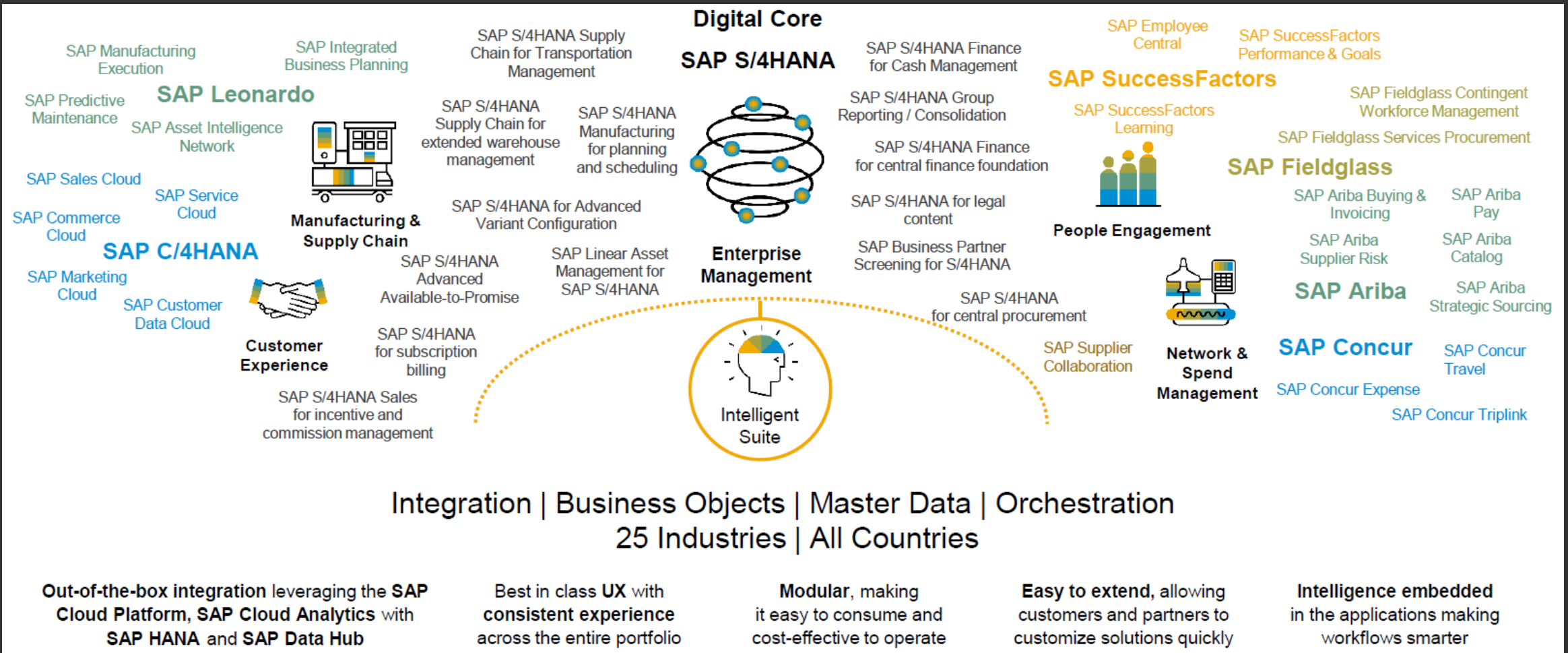
Save

Page 23

29 May 2019

 Skye

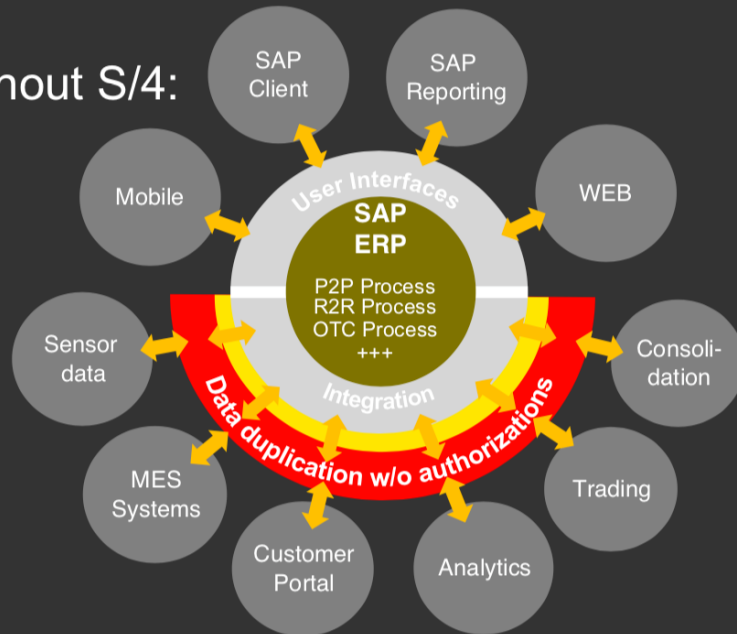
Digital platform



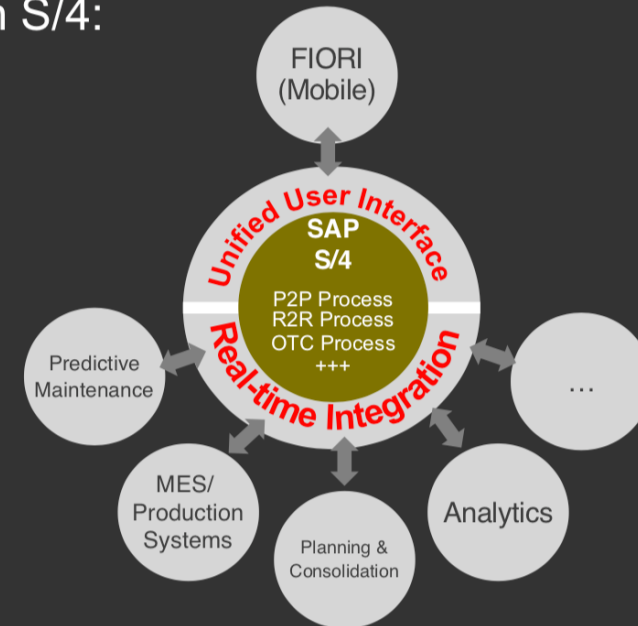
Digital platform

S/4 HANA brings **digital to the core** and one unified mobile-enabled user-interface

Without S/4:

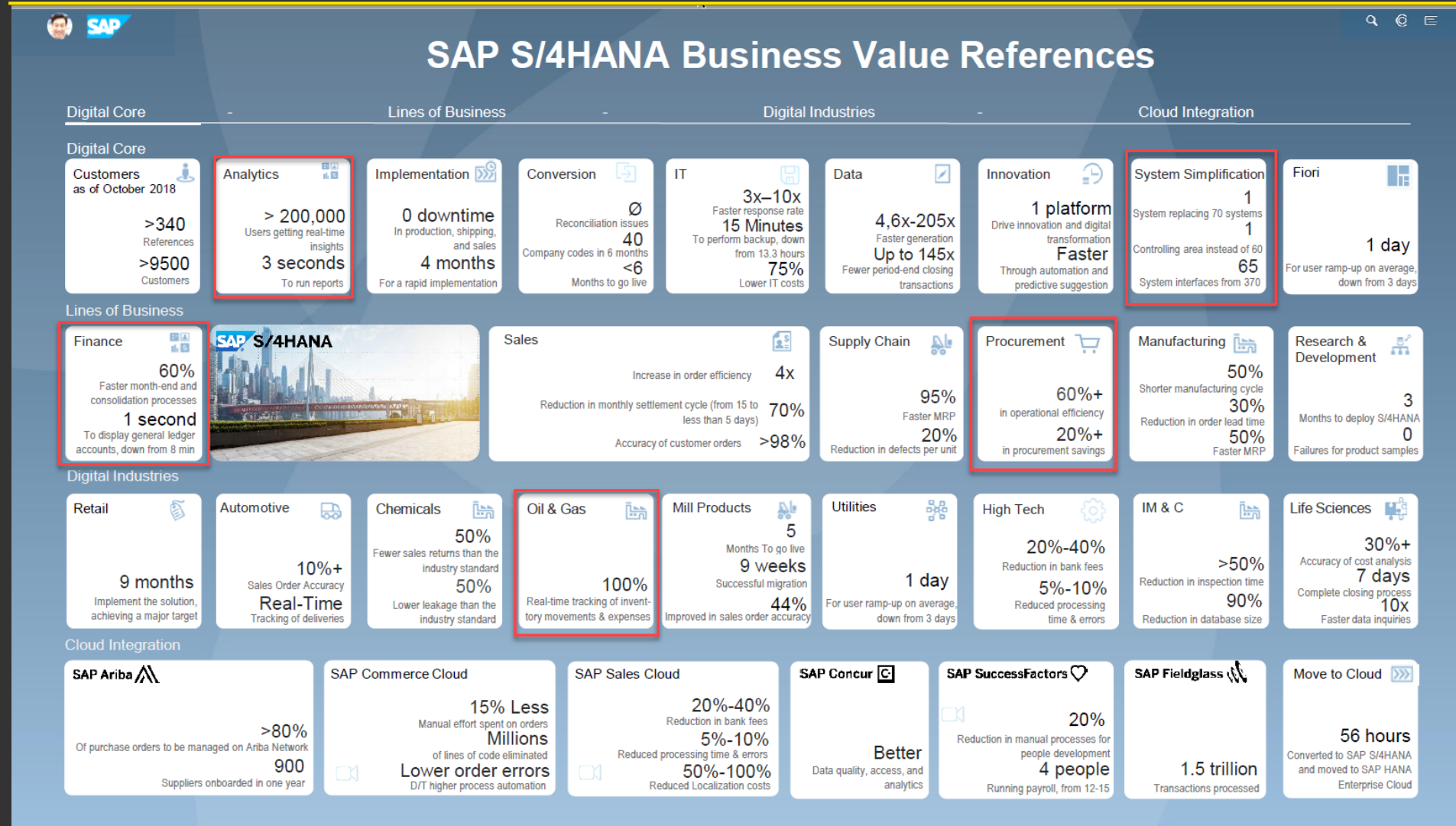


With S/4:



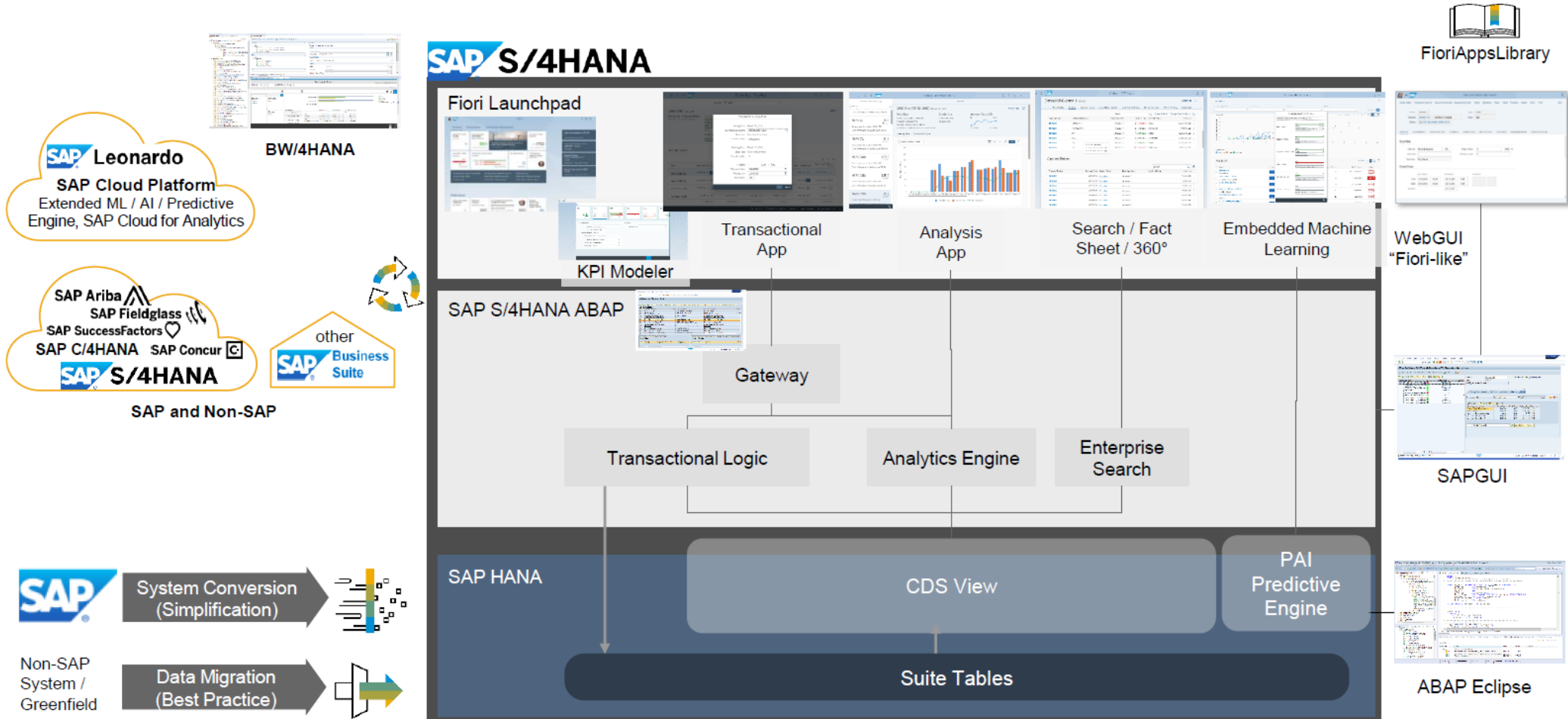
SAP is the backbone to support the company's business processes.
Going digital without updating SAP will lead to sub-optimal solutions and higher costs going forward

Digital platform



Digital platform

Architecture VII: SAP S/4HANA on premise: architecture, flow and integration



SAP Fiori Library

► <https://fioriappslibrary.hana.ondemand.com/sap/fix/externalViewer/>



Categories

- All Apps >
- All apps for SAP S/4HANA >
- SAP Fiori apps for SAP S/4HANA >
- SAP Fiori apps for SAP Business Suite >
- SAP Fiori Lighthouse apps >
- Available via SAP Fiori Cloud >

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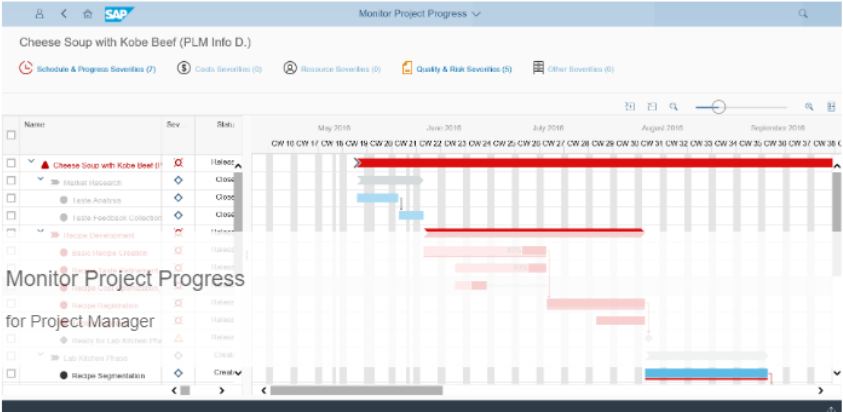


Find out how you can take advantage of SAP Fiori with our [SAP Fiori Lighthouse scenarios](#) designed to deliver immediate business benefit to SAP S/4HANA customers.



You can learn more about SAP Fiori at our website or see SAP Fiori in action with a free trial.

[Read More](#) about the SAP Fiori apps reference library.



Takk for oppmerksomheten!



EY Skye