

PEARL



pearl

Pearl template 1809

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The Pearl Group organization

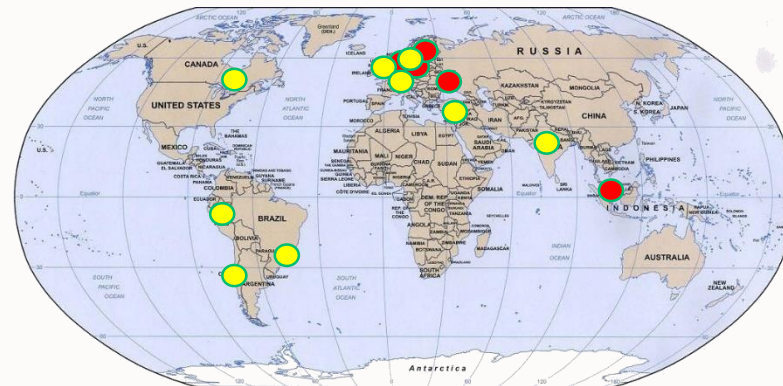
pearl

The Company

- ✓ 6 offices in 5 countries
- ✓ 180 employees / 225 FTE
- ✓ Revenue 2019: 310 MNOK
- ✓ Annual growth 22% last 4 years

Our Strategy

Total responsibility
24/7 operational services
Stability and scalability
Long-term partner



Competency & Industry Focus

- ✓ S4HANA leading nordic partner
- ✓ C4HANA leading nordic partner
- ✓ Analytics / BW / SAC
- ✓ PearlCare / Application operations & infrastructure



SAP® Certified
Partner Center of Expertise



1

Generelt

2

SAP Best Practice

3

Norske landspesifikke endringer

4

Pearl spesifikke endringer

5

Fiori meny og erfaringer her

6

7

Pearl template

Gjenbruk av:

- Roller og autorisasjoner
- Funksjoner som lages, konfigureres og tas i bruk – for å dekke behov de ulike kundene trenger eller vi trenger for support.
- Kontoplan, moms, formularer, anleggsklasser, bank, rapporter og output
- Løsninger for konvertering og integrasjoner
- Dokumentasjon

Template portefølje, hvor de ulike kundene tar i bruk ønsket funksjonalitet.



Migrering template

Gjennomprøvd og kjent

- Funksjonalitet
- Roller
- Autorisasjoner

Vanskeligere

- Ta i bruk ny funksjonalitet
- Gamle løsninger som kan erstattes
- Fjerne det som ikke er i bruk

Greenfield

- Standard SAP
- Nye apper
- Ny funksjonalitet
- Store endringer i versjonene
- Mindre nedetid under Go-live

Ukjent

- Funksjonalitet
- Roller
- Autorisasjoner

Utgangspunktet for template løsningen

- Utgangspunktet var on-premise template 1809 (siste versjon på det tidspunktet, som kom før Norsk mal)
- Brukergrensesnittet skulle være Fiori (2.0), og en skulle ta utgangspunkt i SAP standard roller
- Målet var å bruke standard SAP på så mye som mulig.
Det betydde at funksjonalitet som nå var dekket av SAP apper, felter og funksjonalitet ble foretrukket hvis det var mulig.
- Perioden for å legge inn endringene og malen som skulle legges inn var kort, så noen av endringene her ble gjort underveis i begge prosjektene.
- To greenfield kunder skulle ta utgangspunkt i malen på det tidspunktet, hvor begge startet opp tidlig i 2019.



- Et utvalg av pakker ble lagt inn, hvor en på forhånd hadde gått igjennom hvilke scenarioer som en ønsket. I utgangspunktet valgte man relativt mange for å kunne dekke flere områder og funksjonaliteter.
- Alle SAP standard business rollene som vi anså som aktuelle ble lagt inn sammen med appene.

https://rapid.sap.com/bp/#/browse/packageversions/BP_OP_ENTPR



SAP Best Practices for SAP S/4HANA (on premise)

- Kontoplan Cano ble lagt inn og tilknyttet alle øvrige moduler (T030)
- Financial statement mal for CANO kontoplan
- Anleggsklasser og oppsett i henhold til Sticos
- Norske momskoder og oppsett for skattemeldingen
- Norske tekster der det var nødvendig
- Norske formular (SD/FI faktura, purringer, rentenotaer og kontoutdrag)
- SAF-t noter og mappinger



Version:

Norway, SAP S/4HANA 1909



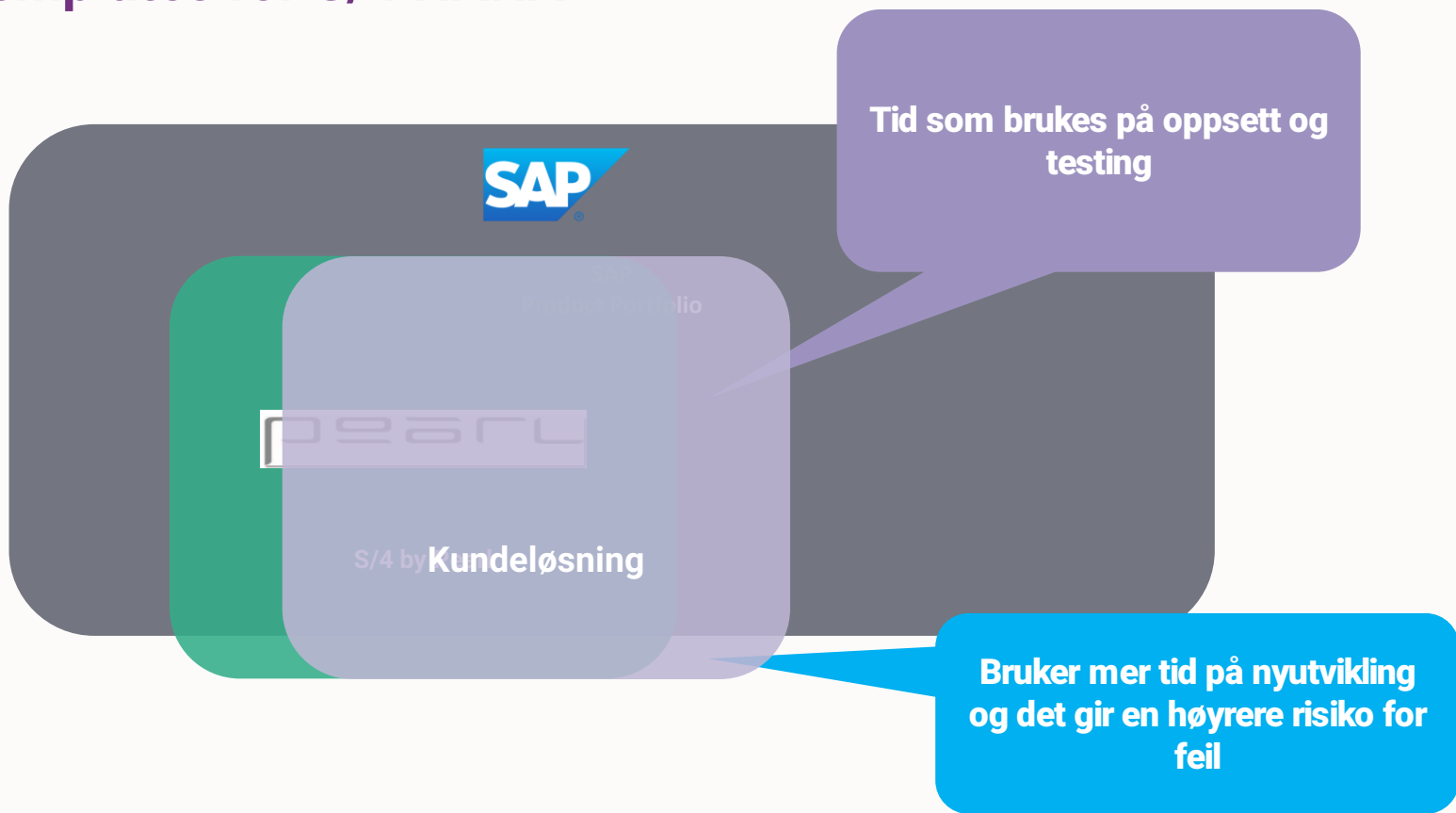
Noen Pearl løsninger ble lagt inn og disse ble overført til Fiori Apper



- › Pearl B2B Omni-Channel
- › Pearl Commerce Extensions
- ▼ Pearl SAP Apps
 - ▼ Logistics
 - EasyPO@Pearl
 - ArticleMonitor@Pearl
 - Count@Pearl
 - PriceSync@Pearl1
 - PearlPriceTool@Pearl
 - MobileEWMApPs@Pearl
 - › EWMMobileApps@Pearl
 - › Finance
 - ImportCheck@Pearl
 - IDOCCockpit@Pearl
 - OutputALVTool@Pearl
 - EHF3.0@Pearl
 - GDPRCockpit@Pearl
 - POSMonitor@Pearl

Pearl's templates for S/4 HANA

pearl



SAP Qualified
Partner-Packaged Solution



Partner-Packaged Solution Finder

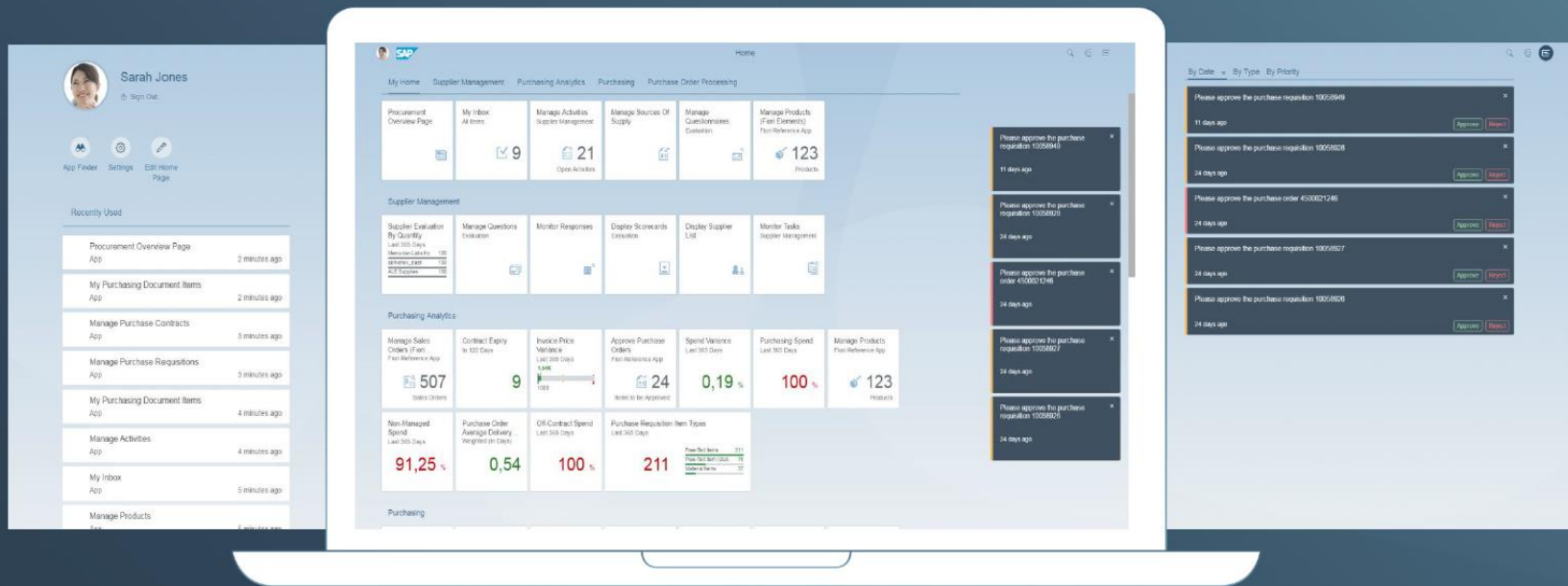
Pearl Norge AS: Pearl Conversion

Pearl have created a concept for upgrading from SAP ECC to SAP S4 HANA, based on Best Practise from SAP and our experience with upgrading and implementing S4 HANA for customers since 2016. We have created a template for retail, wholesale, manufacturing and professional services. This can be used, or we can tailor an upgrade for your business.

[Read the description >](#)
[Watch the video >](#)



<https://www.sap.com/norway/partner/partner-package-finder/pearl-norge-as-pearl-conversion.html>



Me Area

Workspace

Notifications

- Standard rollene ble gjennomgått og apper ble plukket ut, ved å ha tilgang til mange apper i rollene kunne en enklere prøve å finne de mest nyttige.
- Bør bruke endel tid på Fiori menyen
- Viktig med teknisk Fiori kompetanse og innsikt i autorisasjonskonseptet.
- Autorisasjoner ble også sjekket/endret

Vurdere behovet for åpent eller lukket Fiori launchpad. For å kunne endre grupper og legge til apper selv.

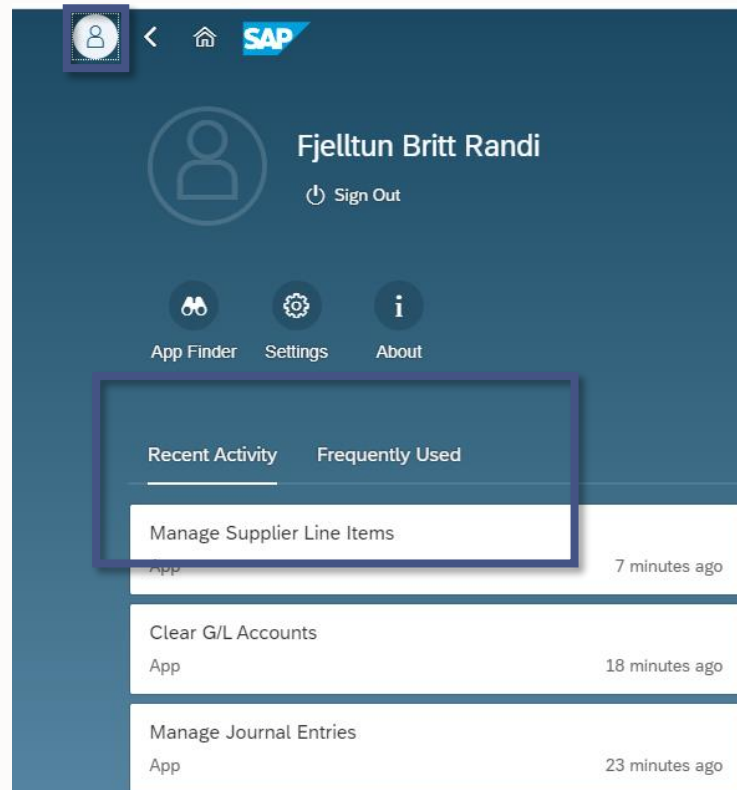
fioriId	LineofBusine	ScopeItem	RoleName	AppName	ApplicationT	ApplicationC	UITechnolog	FormFactors	ProductCate	Database	FrontendSof	FrontendMir	BackendSoft
AB08		Asset Accou	SAP_BR_AA_ACCOUNTANT	Asset Accou Reverse Journal Entry	SAP GUI	FI-AA-AA	SAP GUI	Desktop	SAP S/4HAN	HANA DB exi	UIS4HOP1	400	S4CORE 103
ABAAL		Asset Accou	SAP_BR_AA_ACCOUNTANT	Asset Accou Post Depreciation Manually - Unplanned an	SAP GUI	FI-AA	SAP GUI	Desktop	SAP S/4HAN	HANA DB exi	UIS4HOP1	400	S4CORE 103
ABAON		Asset Accou	SAP_BR_AA_ACCOUNTANT	Asset Accou Post Retirement (Non-Integrated) - Withou	SAP GUI	FI-AA-AA	SAP GUI	Desktop	SAP S/4HAN	HANA DB exi	UIS4HOP1	400	S4CORE 103
ABAVN		Asset Accou	SAP_BR_AA_ACCOUNTANT	Asset Accou Post Retirement - By Scrapping	SAP GUI	FI-AA-AA	SAP GUI	Desktop	SAP S/4HAN	HANA DB exi	UIS4HOP1	400	S4CORE 103
ABAWL		Asset Accou	SAP_BR_AA_ACCOUNTANT	Asset Accou Post Asset Revaluation	SAP GUI	FI-AA	SAP GUI	Desktop	SAP S/4HAN	HANA DB exi	UIS4HOP1	400	S4CORE 103
ABGF		Asset Accou		Post Credit Memo - After Year of Invoice	SAP GUI	FI-AA-AA	SAP GUI	Desktop	SAP S/4HAN	HANA DB exi	UIS4HOP1	400	S4CORE 103
ABGFL		Asset Accou	SAP_BR_AA_ACCOUNTANT	Asset Accou Credit Memo Previous Year	SAP GUI	FI-AA	SAP GUI	Desktop	SAP S/4HAN	HANA DB exi	UIS4HOP1	400	S4CORE 103
ABGL				Post Credit Memo - In Year of Invoice	SAP GUI	FI-AA-AA	SAP GUI	Desktop	SAP S/4HAN	HANA DB exi	UIS4HOP1	400	S4CORE 103
ABGLL		Asset Accou	SAP_BR_AA_ACCOUNTANT	Asset Accou Post Credit Memo - In Year of Invoice	SAP GUI	FI-AA	SAP GUI	Desktop	SAP S/4HAN	HANA DB exi	UIS4HOP1	400	S4CORE 103
ABLDT		SAP_BR_AA_ACCOUNTANT	Asset Accou	Post Transfer Values - For Legacy Asset	SAP GUI	FI-AA-AA	SAP GUI	Desktop	SAP S/4HAN	HANA DB exi	UIS4HOP1	400	S4CORE 103
ABLDT_OI		SAP_BR_AA_ACCOUNTANT	Asset Accou	Transfer Open Items of Auc - For Legacy Ass	SAP GUI	FI-AA-AA	SAP GUI	Desktop	SAP S/4HAN	HANA DB exi	UIS4HOP1	400	S4CORE 103
ABNAN		Asset Accou	SAP_BR_AA_ACCOUNTANT	Asset Accou Post Post-Capitalization	SAP GUI	FI-AA-AA	SAP GUI	Desktop	SAP S/4HAN	HANA DB exi	UIS4HOP1	400	S4CORE 103
ABSQL		SAP_BR_AA_ACCOUNTANT	Asset Accou	Post Miscellaneous Transactions	SAP GUI	FI-AA	SAP GUI	Desktop	SAP S/4HAN	HANA DB exi	UIS4HOP1	400	S4CORE 103
ABT1L		SAP_BR_AA_ACCOUNTANT	Asset Accou	Asset Transfer Intercompany	SAP GUI	FI-AA	SAP GUI	Desktop	SAP S/4HAN	HANA DB exi	UIS4HOP1	400	S4CORE 103
ABT1N				Post Transfer - Across Company Codes With	SAP GUI	FI-AA-AA	SAP GUI	Desktop	SAP S/4HAN	HANA DB exi	UIS4HOP1	400	S4CORE 103
ABUMN		Asset Accou	SAP_BR_AA_ACCOUNTANT	Asset Accou Post Transfer - Within Company Code	SAP GUI	FI-AA-AA	SAP GUI	Desktop	SAP S/4HAN	HANA DB exi	UIS4HOP1	400	S4CORE 103

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

Fiori “Me area”: Nylig brukte apper og mest brukte apper

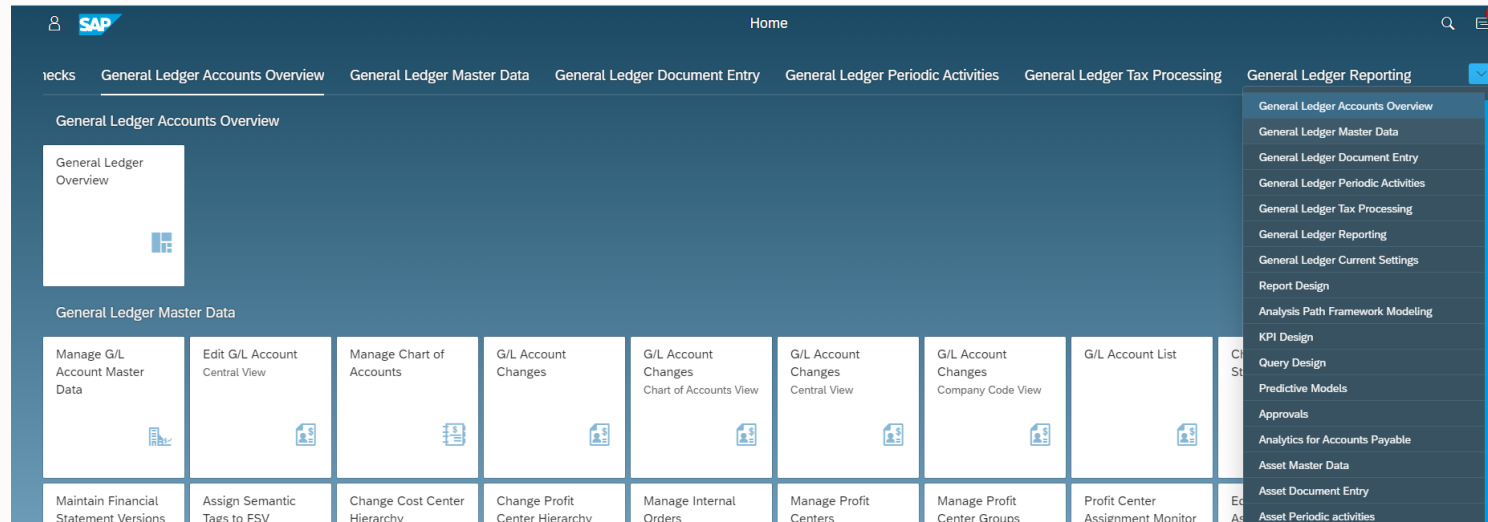
- Recent Activity
 - De siste appene som er blitt brukt kommer frem her. (Siste brukte kommer først).
- Frequently Used
 - De mest brukte appene de siste 30 arbeidsdagene kommer frem her

Arkfanene kan innholde opptil 30 apper.



Fiori launchpad “Workspace”

- Endringer i oppdeling og overskrifter på gruppene – lettere å søke samt kjenne seg igjen på de ulike hovedområdene som ble valgt (FICO anlegg, hovedbok, kunder, leverandør, masterdata og bank).



Fiori apps – Egne grupper og flere apper

Home ▾

view Warehouse Processing Goods Receipt Processing Physical Inventory Mass Creation Physical Inventory Processing My home ▾

Accounts Payable Overview 	Manage Supplier Line Items 	Clear G/L Accounts Manual Clearing 	Post General Journal Entries 	Trial Balance 
--	---	---	---	--

Fiori Enterprise search

Fiori launchpad med globalt søk:

Søk på

- Apper
- Forretningsobjekter
- Forslag
- According to type
- Filter

The screenshot displays the SAP Fiori Enterprise Search interface. A search bar at the top right contains the text 'sal'. A dropdown menu is open, showing search suggestions:

- Search In: Sales Group Contract
- Search In: Sales Orders
- App Sales Contract Fulfillment Rates - Currently Valid
- App Sales Order Fulfillment - Analyze Issues
- App Sales Order Items - Confirmed as Requested
- Salary Costs in All
- Salary Costs in Cost Element Groups
- Salaries

The main search results area shows a list of products. The first result is 'Notebook Basic 17 HT-1001' with a weight of 4.500 kg and a product unit price of 1,249.00. Other results include 'Notebook Basic 18 HT-1002', 'Notebook Basic 19 HT-1003', 'ITeO Vault HT-1007', and 'Notebook Professional 15 HT-1010'. The interface also includes a sidebar with filters for 'Search In' (All, Products), 'Filter By' (Product Unit Price, Category), and 'Created At' (Last 7 Days, This Month, Last 3 Years).

- Transaksjonsapper



Manage Supplier Line Items

Standard * ▾

Supplier: 1 Item Company Code: =8000 *Status: Open Items Open on Key Date: 25.05.2020 *Item Type: Normal Items Adapt Filters (5) Go

Items (10) Standard ▾

Edit Line Items Create Correspondence Block for Payment Unblock for Payment Create Single Payment

☐	Supplier	Company ...	Clearin...	Assignment	Journal Entry Date	Journal Entry	Journal E...	Special...	Due Ne...	Amount (CoCd Cur.)	Clearing Entry
☐	1000010	8000	✗		20.06.2019	100000040	SU		🔔	6.800,00 NOK	
☐	1000010	8000	✗	rest	07.06.2019	1500000004	KZ		🔔	-5,00 NOK	
☐	1000010	8000	✗		07.06.2019	1500000003	KZ		🔔	6.995,00 NOK	
☐	1000010	8000	✗		01.11.2018	1900000042	KR		🔔	-7.900,00 NOK	
☐	1000010	8000	✗		01.11.2018	1900000040	KR		🔔	-16.000,00 NOK	

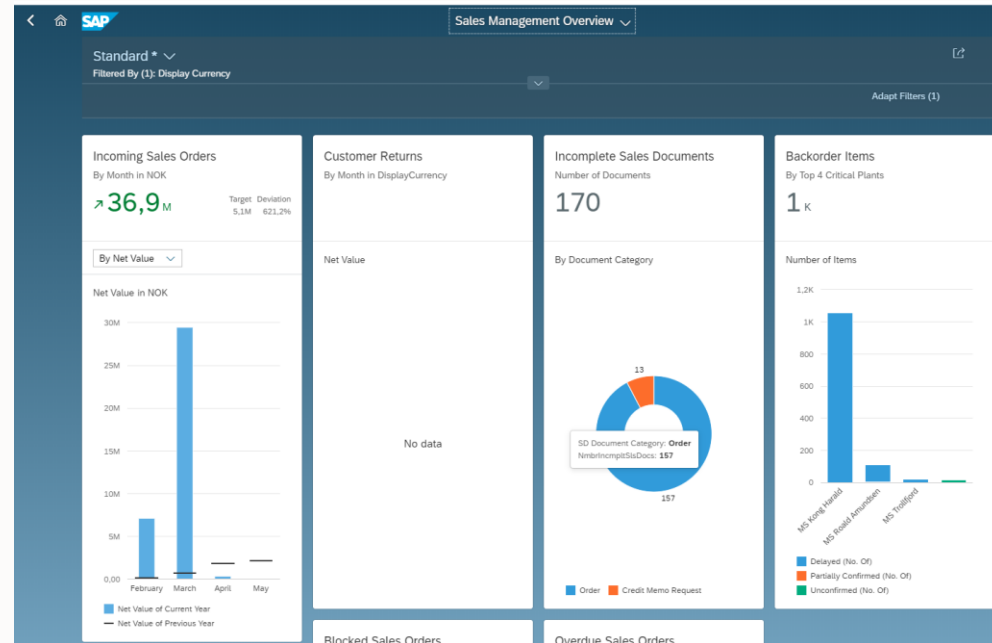
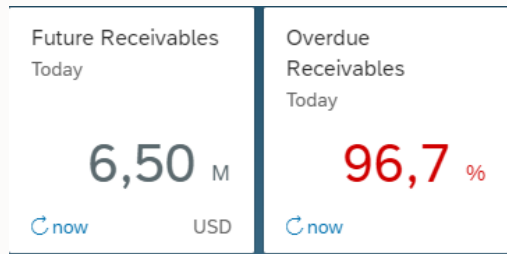
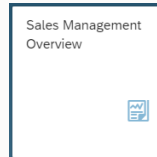
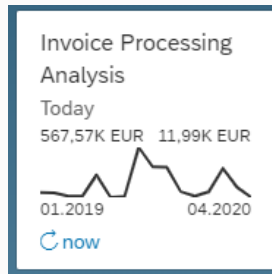
- Web Dynpro

F0996	Finance	Accounting a	SAP_BR_GL	Trial Balance (Accessible)	Web Dynpro	FI-FIO-GL	Web Dynpro I
F0996A	Finance		SAP_BR_GL	Trial Balance	Analytical, Design Stud	FI-FIO-GL	SAP Fiori: Del

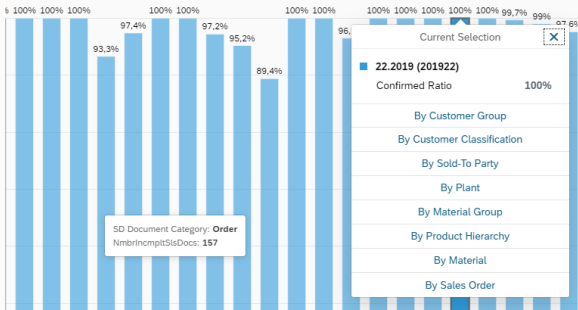
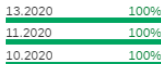
- Analytical

DIMENSIONS	COLUMNS	Company Code	Company Code	Profit Center	Profit Center	G/L Account	Starting Balance in Company Co	Debit Balance in Company Co	Credit Balance in Company Co	Currency
Sales Order	Measures					102000	37.557,89 NOK	0,00 NOK	0,00 NOK	
Sales Organization						102090	-37.557,89 NOK	0,00 NOK	0,00 NOK	
Sales document						108000	13.944.895,09 NOK	0,00 NOK	0,00 NOK	
Segment						108090	-13.311.541,09 NOK	0,00 NOK	0,00 NOK	
Sender Acct Assgmt						125000	1.968.194,69 NOK	0,00 NOK	0,00 NOK	
Sender G/L Account						125090	-1.886.860,69 NOK	0,00 NOK	0,00 NOK	
Sndr AcctAssgmt ...						126000	753.754,63 NOK	0,00 NOK	0,00 NOK	
Source Ledger						126090	-417.943,63 NOK	0,00 NOK	0,00 NOK	
						128000	47.607,30 NOK	0,00 NOK	0,00 NOK	
						128090	-47.607,30 NOK	0,00 NOK	0,00 NOK	

- Analytiske apper
 - Real time – store mengder data



- | | |
|--|-----------------------|
| | Confirmed as Reque... |
|--|-----------------------|



Fiori apps – detaljeposter

pearl

Manage Supplier Line Items

Standard * ▾

Supplier: Company Code: *Status: Open on Key Date: *Item Type:

3000 Open Items 19.05.2020 Normal Items

Hide Filters ▾

Send E-Mail Save as Tile

Items (26) Standard ▾

Edit Line Items Create Correspondence Block for Payment Unblock for Payment Create Single Payment

☐	Supplier	Company ...	Clearin...	Assignment	Journal Entry Date	Journal Entry	Journal E...	Special...	Due Ne...	Amount (CoCd Cur.)	Clearing Entry
☐	13214	3000	✗		09.03.2020	5100000009	RE		Ⓢ	-1.637,47 NOK	
☐	10424	3000	✗		05.03.2020	100000025	SA		Ⓢ	-13.541,00 NOK	
☐	10424	3000	✗		05.03.2020	100000024	SA		Ⓢ	-13.541,00 NOK	
☐	10424	3000	✗		05.03.2020	100000023	SA		Ⓢ	-13.541,00 NOK	
☐	10508	3000	✗		05.12.2019	5100000008	RE		Ⓢ	-12.500,00 NOK	
☐	12762	3000	✗		05.12.2019	980000000	ZB		Ⓢ	-57.409,25 NOK	
☐	10508	3000	✗		30.11.2019	5100000007	RE		Ⓢ	-1.000.000,00 NOK	

Display Line Items in General Ledger

FW Freddy W. Nilsen <freddy.nilsen@xac.no>
Til Britt Randi Fjelltun

← Svar ↩ Svar til alle → Videre-send ⋮

14.15

📘 Du videregav denne meldingen 19.05.2020 15.00.

<https://fiori.hurtigruten.com/sap/bc/ui2/fli/FioriLaunchpad.html#GLAccount-displayGLLineItemReportingView/?sap-iapp-state=AS9OEARSCQORTX37I31ERQRZJ3X6C5T4WCRJTT0>

Fiori apps - Clearing



Clear G/L Accounts ▾

Display In: Clearing Currency (NOK) ▾

G/L Account: 173000 - Prepaid expenses, reversible

Company Code: 2100 (Hurtigruten Cruise AS Tromsø)

Header Data

Header Data

Journal Entry Date: 19.05.2020

Posting Date: 19.05.2020

Journal Entry Type: SU

Header Text:

Period: 05

Fiscal Year: 2020

Company Code: 2100 (Hurtigruten Cruise AS Tromsø)

Reference:

Ledger Group:

Transaction Currency: NOK

Exchange Rate:

Document Number:

Open Items

Post to G/L Account

Post on Account

Attachments (0)

Notes (0)

Open Items (348) Standard ▾

TEST11

⚙

🔍

Select More

Clear All

⚙

📄

▾

Company Code	G/L Account	Journal Entry	Journal Entry Type	Item Text	Journal Entry Date	Amount (NOK)	Assignment	Clear	Reference	Reference Number
2100	173000	100000125	SA		01.04.2019	-10.000,00	SAP invoice no	Clear »	SAP DOC.NO	
2100	173000	100000140	SA	test fbd1	01.08.2019	10.000,00	20190801	Clear »	TEST	
2100	173000	100000146	SA	Item2	01.07.2019	-1.361,47	20190701	Clear »	TEST11	
2100	173000	100000147	SA	Item2	01.07.2019	-1.361,47	20190701	Clear »	TEST11	
2100	173000	100000173	SA	approve 1	01.08.2019	-1.965,71	20190801	Clear »	TEST10	
2100	173000	100000174	SA	my item	01.08.2019	-4.650,00	20190801	Clear »	TEST17	

Items to Be Cleared (0) Standard ▾

Remove

Journal Entry

Open Amo

Periodisering

Manage Recurring
Journal Entries

11

Ny funksjonalitet tilknyttet appen for periodisering; mer oversiktlig og lettere å bruke enn tidligere

Manage Recurring Journal Entries

Standard * ▾

Company Code: =8000 Recurring Journal Entry: Next Posting Date: Header Text: Reference: Fiscal Year: =2019 Clear Adapt Filters (2) Go

Recurring Journal Entries (7) | Standard ▾ [Create New Recurring Journal Entry](#)

☐ Company Code	Recurring Journal Entry	Header Text	Reference	Posted / Total	Posting Status	Next Posting Date	Tot. Amt in Doc Crcy
☐	9100000009		65432	2/12	i	01.11.2019	6.000,00 NOK >
☐	9100000008		765	5/6	i	01.11.2019	50.000,00 NOK >
☐	9100000007		765	7/9	i	01.11.2019	90.000,00 NOK >

3.000,00 NOK Total Credit: 3.000,00 NOK

Recurrence Rule

Start Date: 01.06.2020 ☐ Use Posting Schedule

Recurrence Pattern: Monthly

Every: 1 Month(s)

*On: First Day of the Month

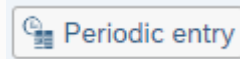
End: After 6 Occurrence(s)

Postings (6) | Standard ▾

Number	Posting Date	Journal Entry	Posting Status	Document Crcy Amount
1	01.06.2020	100000026	Posted	3.000,00 NOK
2	01.07.2020		Unposted	3.000,00 NOK
3	01.08.2020		Unposted	3.000,00 NOK

Workflow@Pearl: Attestering Periodisering

- I Pearl har vi lagt dette inn i workflow løsningen



DIALOGBOX

FL...	CoCd	DocumentNo	Year	Item	G/L Account	No of months	First Run On	Last Run On	Amount	Amount per month	Crcy
☒	2000	1900037041	2020	2	620000	12	01.01.2020	31.12.2020	440.000,00	36.666,67	NOK
☒	2000	1900037041	2020	3	620000	12	01.01.2020	31.12.2020	440.000,00	36.666,67	NOK
									73.333,34		NOK

Workflow@Pearl: Regnskap Periodisering

- Regnskap har også mulighet for å endre eller slette periodiseringsparameter før postering.

The screenshot displays the Pearl Workflow@Pearl interface. On the left, the 'Invoice selection' panel shows filters for Company Code (2000), Fiscal Year (2020), and Document Number (1900037041). A red box highlights the 'Invoice with periodization' checkbox, which is checked. A red arrow points from this checkbox to the 'Periodization' button in the 'Actions' column of the invoice list. The main table lists invoices with columns for Document No., Fiscal Yr., Vendor, Name, Disc. Status, Document Date, Posting Date, Type, Amount, and Local. The 'Periodization' button is highlighted in a red box. Below the table, the 'Edit Parked Vendor Invoice 1900037041 2000 2020' dialog box is open, showing the 'Basic data' tab. The 'Vendor' field is set to 10560, and the 'Invoice date' and 'Posting Date' are both 27.03. The 'Amount' is 1.100. The 'Periodization' tab is also visible, showing a table with columns for FL, CoCd, DocumentNo, Year, Item, G/L Account, No of months, First Run On, Last Run On, Amount, Amount per month, and Cray. The table contains two rows of data for document 1900037041, both for year 2020, with a total amount of 146.666,66 NOK.

FL	CoCd	DocumentNo	Year	Item	G/L Account	No of months	First Run On	Last Run On	Amount	Amount per month	Cray
☒	2000	1900037041	2020	2	620000	6	01.01.2020	30.06.2020	440.000,00	73.333,33	NOK
☒	2000	1900037041	2020	3	620000	6	01.01.2020	30.06.2020	440.000,00	73.333,33	NOK
										146.666,66	NOK

Periodisering

- De månedlige periodiseringene kan gjøres manuelt eller ved at det settes opp automatiske jobber.
- Den periodiske jobben blir gjerne satt opp til å postere alt inntil en gitt dato og vil bli postert på en gitt dato.
- Dette betyr at periodiseringer for tidligere perioder kan bli postert i nåværende periode.

>	002	Company Code 2000	G/L Account 620000	Debit 0,00 NOK	Credit 73.333,33 NOK
>	003	Company Code 2000	G/L Account 173000	Debit 73.333,33 NOK	Credit 0,00 NOK
>	004	Company Code 2000	G/L Account 620000	Debit 0,00 NOK	Credit 73.333,33 NOK
					Total Debit: 146.666,66 NOK Total Credit: 146.666,66 NOK

Recurrence Rule

Start Date: 01.01.2020

Recurrence Pattern: Monthly

Every: 1 Month(s)

On: Specific Day 1 of the Month

End: By 30.06.2020

End After: 6 Occurrence(s)

☐ Use Posting Schedule

Postings (6) | Standard

Number	Posting Date	Journal Entry	Posting Status	Document Crcy Amount
1	01.03.2020	100020464	Posted	146.666,66 NOK
2	01.03.2020	100020465	Posted	146.666,66 NOK
3	01.03.2020	100020466	Posted	146.666,66 NOK
4	01.04.2020		Unposted	146.666,66 NOK
5	01.05.2020		Unposted	146.666,66 NOK
6	01.06.2020		Unposted	146.666,66 NOK

Total Amount: 879.999,96 NOK

- Appene som brukes mest kan legges under «My Home» hvilket gir raskere tilgang og en enklere arbeidshverdag
- I ulike Apper kan man lage seg egne «Views» slik at spørringer som gjøres ofte lagres
- Rapporter kan enkelt lastes ned til Excel eller deles på epost

«Synes generelt Fiori fungerer fint»

«Det er et fint og moderne utseende på Fiorien»

«I browseren er det enkelt å ha flere vinduer åpne samtidig. Dette er svært nyttig»



PEARL

Thank You for Your Time

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