



A Customer's Journey Migrating Complex SAP Apps to Fiori
Gibs Saint Paul, Manager Enterprise Application Solutions, Salt River Project
Jesse Bernal, Senior Business Development Specialist, SAP

Session ID 82298

About the Speakers

Gibs Saint Paul

- Manager Enterprise Application Solutions, Salt River Project (SRP)
- Support the introduction of new and enhanced functionality into our Enterprise landscape
- Never seen Game of Thrones or the Walking Dead

Jesse Bernal

- Sr Business Development Specialist, SAP
- Customer for 15years started in WM
- Expert in SAP Education products
- Own a Theater Company

Key Outcomes/Objectives

1. Taking a proactive approach when monitoring user experience
2. Empower your users to do their jobs
3. Partnering with your business ensures Fiori success

Agenda

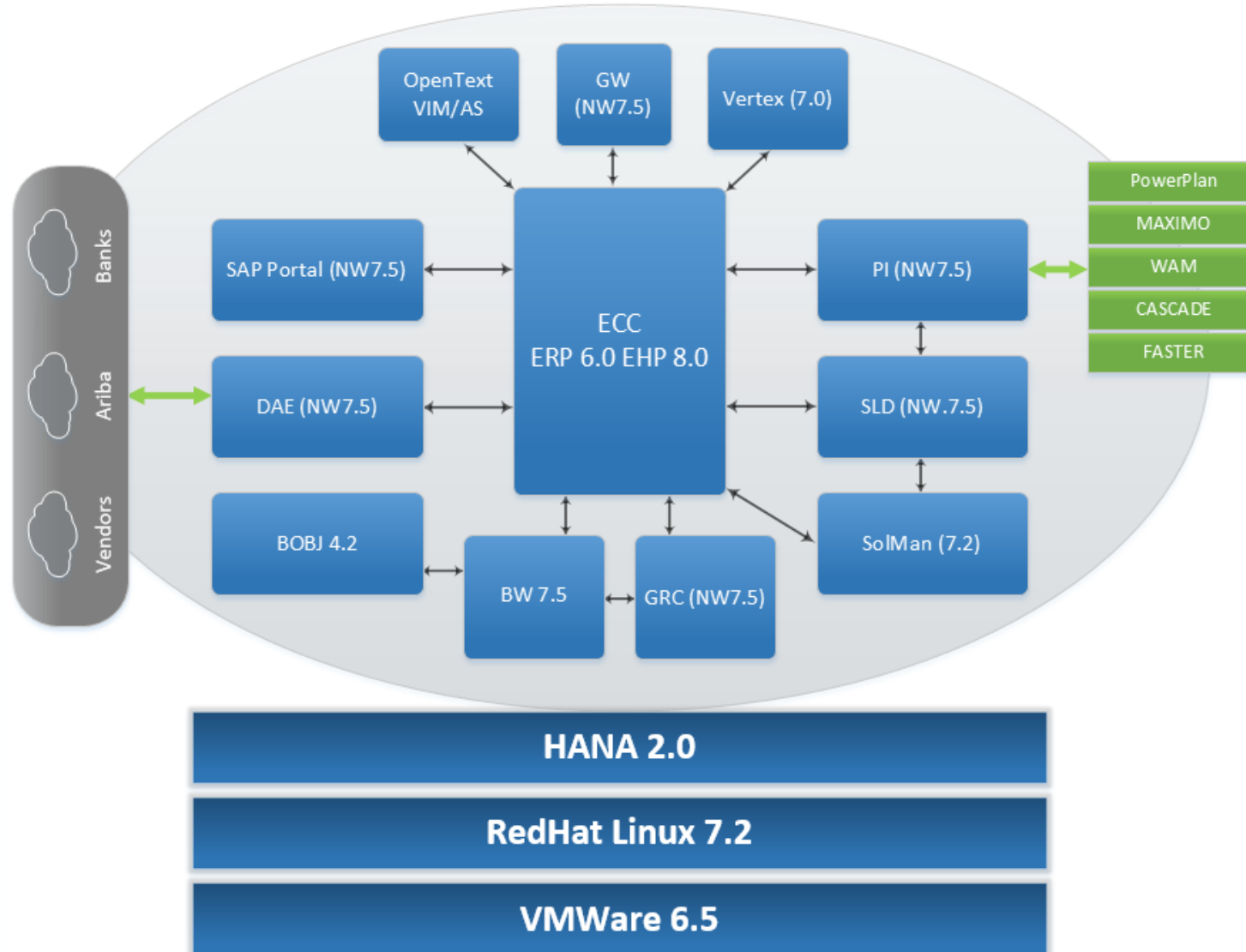
- Introduction of Salt River Project (SRP)
- What is SAP User Experience Management by Knoa?
- SAP Fiori @ SRP
- Design Thinking Process
- WBS/IO Business Case
- Q&A

Introduction of Salt River Project

- One of the nation's largest public power utilities
- Provide electricity to roughly 1 million customers in a 2,900-square-mile service area
- Integrated utility that provides:
 - Generation, transmission and distribution
 - Metering and billing services
- SRP's water business is one of the largest raw-water suppliers in Arizona.
- Delivering about 800,000 acre-feet of water annually to a 375-square-mile service area



Current SRP Landscape



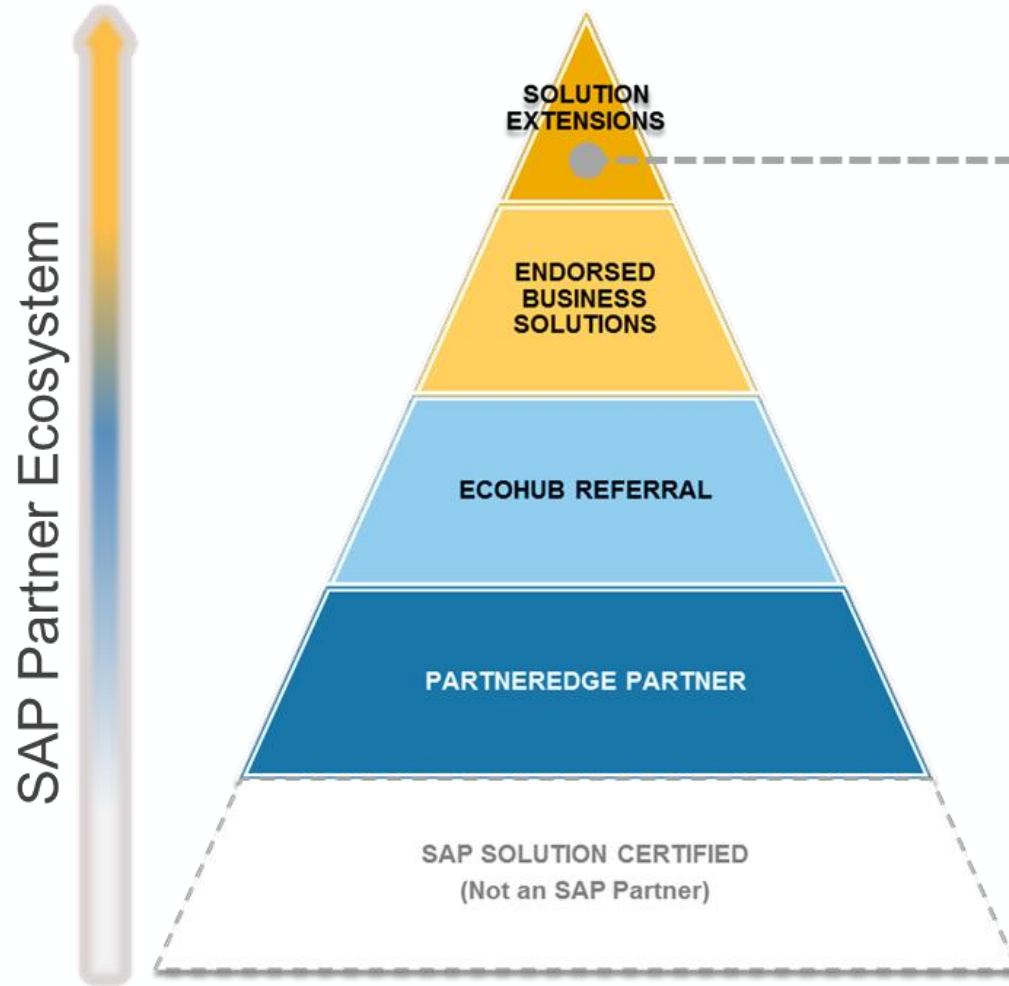


SAP User Experience Management by Knoa

Think Differently!

About Technology. About your People.
About Learning and Adoption.

Knoa Software - Trusted SOLEX Partner of SAP



- Partners since 2008
- Tested to SAP standards
- Purchase through SAP
- Maintenance, upgrade and support through SAP & Knoa
- Joint solution road map

SAP User Experience Management by Knoa



SAP User Experience Management tool by Knoa Software let businesses see how employees interact with software suites to improve usage.

SAP UEM by Knoa provides analytics about user behavior when interacting with SAP applications

Knoa user analytics:

- ❑ User adoption – active and idle time on every application screen
- ❑ User experience – system performance and application quality
- ❑ User performance – user errors, compliance with best practices
- ❑ User workflows – Complete user journey through a business process

SAP UEM by Knoa monitors real user behavior across the entire SAP landscape

- ❑ R/3 and S/4 applications
- ❑ On-premise and cloud applications
- ❑ Desktop and mobile users
- ❑ All SAP UI technologies, including Fiori and SAPUI5



ASUG

SAP UEM by Knoa User Analytics for the SAP Landscape

SOLUTIONS
VALUE
ANALYTICS
ACQUIRE



S/4HANA Migrations

Reduce cost and maximize ROI of migration projects. Quantify the improvements in user adoption and experience.



Migrations to Cloud/Mobile

Ensure successful transition to cloud and mobile applications by measuring adoption and user experience KPIs



Hypercare and ongoing support

Proactively monitor user performance to identify process and application improvement opportunities, deliver targeted training, and optimize business process execution

Increase workforce productivity

by gaining visibility into where users struggle with the application or process

Improve application and process design

by focusing on issues with true impact on user productivity

Maximize adoption of new business applications

by measuring user engagement and identifying adoption gaps

Improve training success and efficiency

by delivering targeted training and measuring its impact

Accelerate return-on-investment

of your enterprise software investments

Reduce costs

for IT help desk and IT support by providing just-in-time support



User Adoption

Active and idle time measured on every SAP screen, for every SAP user, across any SAP application

User Experience

System performance and application quality reflecting the true user impact

User Performance

Measure every user's ability to execute business transactions without errors or deviations

User Workflows

Step by step, complete user journey through a business process



On-Premises

Implementation by Knoa Certified Partners



Cloud Edition

Hosted and Managed by Knoa



Objective User Reports for the SAP Landscape

Application Issues: Applications

Days: 15 (04/16/2017 - 04/30/2017)

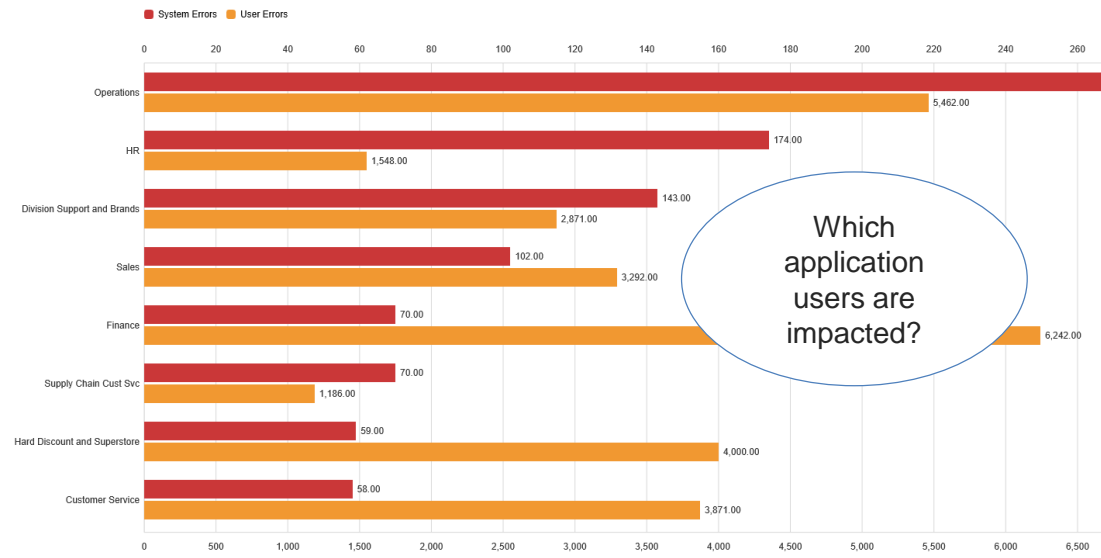


Application Name	Active Time (h)	Active Users	Avg. Response (s)	Operations	System Errors	User Errors
PROD 2 (Retail)	3,546.46	1,104.00	2.85	799,244.00	124.00	23,200.00
PROD 1 (ERP)	1,598.40	345.00	2.10	387,370.00	43.00	7,956.00
NetWeaver Portal	764.75	1,148.00	145.92	27,740.00	889.00	4,356.00
SAPCRM7 (Utilities)	360.03	31.00	4.90	69,384.00	42.00	3,403.00
PROD 2 (ERP)	255.68	83.00	1.68	75,457.00	128.00	2,232.00
UAT 2 (Retail)	135.62	77.00	4.20	29,241.00	3.00	1,138.00
UAT 1	114.88	45.00	3.03	16,636.00	2.00	367.00
DEV 1	63.38	30.00	1.38	20,123.00	2.00	545.00
BW (Retail)	35.59	20.00	16.80	5,665.00	5.00	99.00
WebGUI	18.95	28.00	2.36	4,871.00	0.00	200.00
UAT 2	0.69	15.00		55.00	0.00	19.00

What?

Who?

User Attribute: Dept



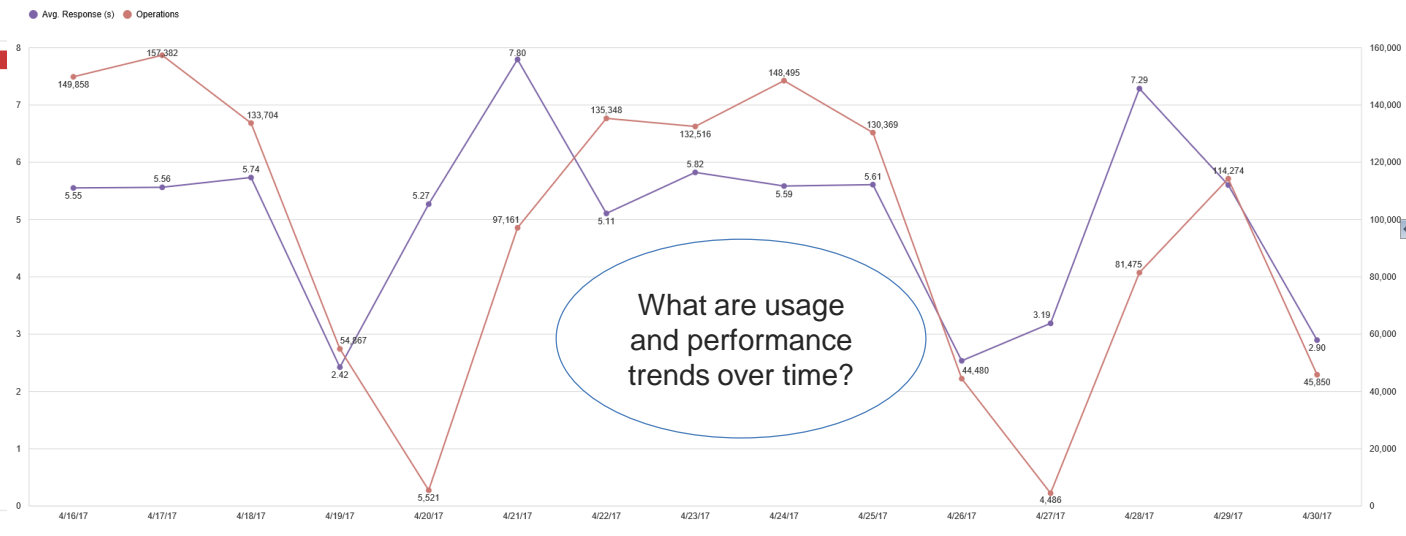
Which application users are impacted?

Application Issues: Daily Trend

Days: 15 (04/16/2017 - 04/30/2017)



Select Metric: Response Time



What are usage and performance trends over time?

Understand business process execution for all users

Time Frame: 10/31/2013 3:38:20 PM to 10/31/2013 4:38:20 PM

Session	Module	Screen	Activity	Description	Duration	Time
1274	> FB01	> Enter Grower Acc. manual: Correct G/L account item	▶ Screen Start		00:00:05	3:38:37 PM
			⬇ Completed Operation	Display Document Overview (Shift+F2)	00:00:01	3:38:40 PM
		> Coding Block	▶ Dialog Start		00:00:02	3:38:40 PM
			⬇ Completed Operation	Continue (Enter)	00:00:01	3:38:41 PM
		> Enter Grower Acc. manual: Display Overview	▶ Screen Start		00:00:09	3:38:42 PM
			⬇ Completed Operation	Post (Ctrl+S)	00:00:01	3:38:44 PM
			! User Error	Posting is only possible with a zero balance; correct document		3:38:45 PM
			⬇ Completed Operation	Choose (F2)	00:00:01	3:38:50 PM
		> Enter Grower Acc. manual: Correct G/L account item	▶ Screen Start		00:00:10	3:38:51 PM
		> Coding Block	▶ Dialog Start		00:00:02	3:38:54 PM
			⬇ Completed Operation	Continue (Enter)	00:00:01	3:38:56 PM
		> Enter Grower Acc. manual: Correct G/L account item	⬇ Completed Operation	Display Document Overview (Shift+F2)	00:00:01	3:38:58 PM
		> Coding Block	▶ Dialog Start		00:00:02	3:38:59 PM
			⬇ Completed Operation	Continue (Enter)	00:00:01	3:39:00 PM
		> Enter Grower Acc. manual: Display Overview	▶ Screen Start		00:00:05	3:39:01 PM
			⬇ Completed Operation	Post (Ctrl+S)	00:00:03	3:39:03 PM
		> Enter Grower Acc. manual: Add G/L account item	▶ Screen Start		00:00:05	3:39:06 PM
			i Non-Error Message	Field BSEG-VALUT. does not exist in the screen SAPMF05A 0300		3:39:07 PM
		> Enter Grower Acc. manual: Display Overview	▶ Screen Start		00:13:19	3:39:10 PM
			! User Error	Posting is only possible with a zero balance; correct document		3:39:11 PM

How?

Tried to find GL Account

When?

3:38:40 PM

Why?

Posting cannot occur

SAP UEM by Knoa Knoa Use Cases

S/4HANA Migration Projects

1. [Perform pre-migration assessment](#)
2. [Set testing targets](#)
3. [Decrease resolution time during hypercare](#)
4. [Identify superusers](#)
5. [Validate performance improvements](#)
6. [Measure adoption of new applications](#)

Business Process Optimization

1. [Measure process adoption](#)
2. [Identify business process improvement opportunities](#)
3. [Measure the impact of IT landscape changes on business processes](#)
4. [Identify top and bottom performers](#)
5. [Verify user compliance with best practices for process execution](#)
6. [Identify incomplete master data setup](#)

Application Development and Support

1. [Prioritize application support initiatives](#)
2. [Measure the impact of application support initiatives](#)
3. [Determine what to test](#)
4. [Validate and document test coverage](#)
5. [Determine who will be impacted by application changes](#)
6. [Sunset customizations](#)
7. [Monitor performance issues during hypercare](#)
8. [Replicate issues encountered by production users](#)

End-user Training

1. [Perform learning needs assessment](#)
2. [Provide targeted end-user training](#)
3. [Measure the effectiveness of training](#)
4. [Audit usage of training environments](#)
5. [Prioritize new training content development](#)
6. [Identify when users trigger errors to guide them through a process](#)
7. [Verify proper utilization of the application](#)
8. [Identify your superusers](#)

Support Desk

1. [Proactively monitor issues experienced by production users](#)
2. [Validate issues reported to the Support Desk](#)
3. [Assess the true impact of reported issues](#)
4. [Replicate issues encountered by production users](#)

Miscellaneous

1. UX Design
2. Audit and Compliance
3. License Optimization
4. Capacity Planning
5. Six Sigma initiatives – Continuous Improvement

Who Benefits from this Information

FUNCTIONAL SUPPORT



- Deliver pro-active user support
- Eliminate recurring issues
- Reduce ticket count
- Minimize change management disruption

TRAINING & EDUCATION



- Assess user training needs
- Develop targeted training content (WPB, Productivity Pak)
- Empower super user community
- Test training effectiveness

CHANGE MANAGEMENT



- Objective KPIs during UAT
- Benchmark performance before go-live
- Measure adoption of deployed functionality (standard & custom)

USER EXPERIENCE

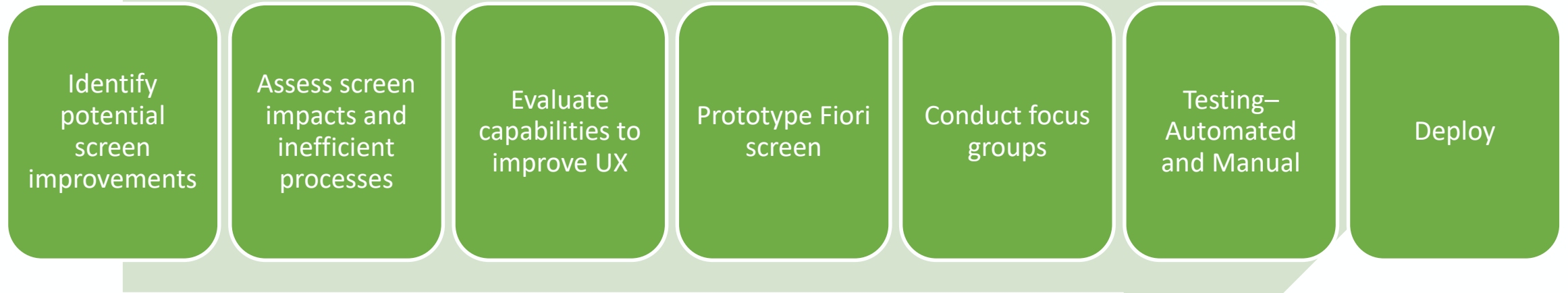


- Enable user experience initiatives (Fiori, Personas)
- Improve user satisfaction
- Enable faster diagnosis and resolution

SAP Fiori @SRP

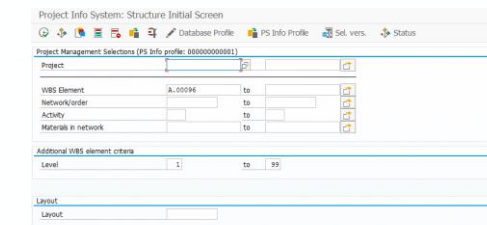
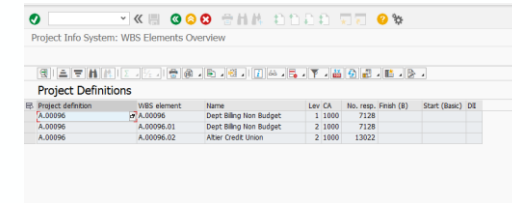
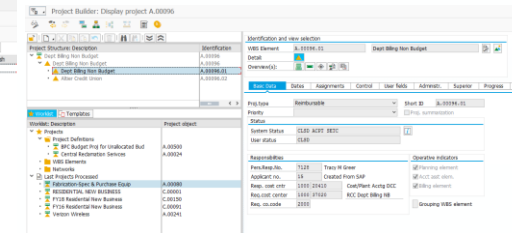
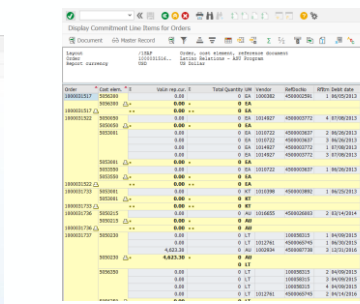
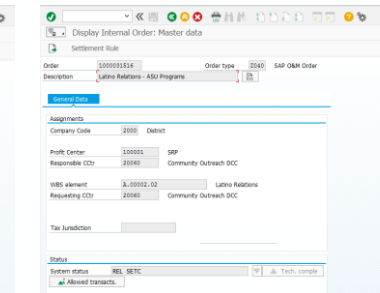
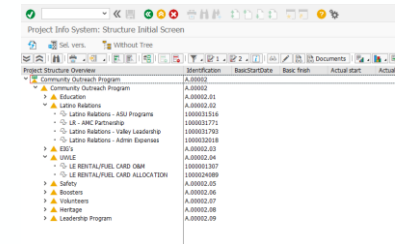
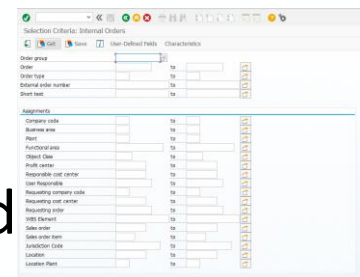
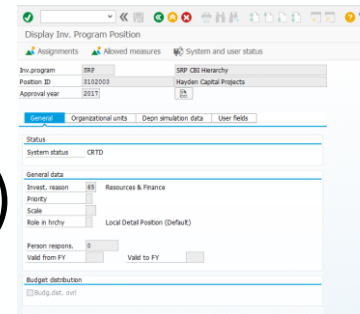
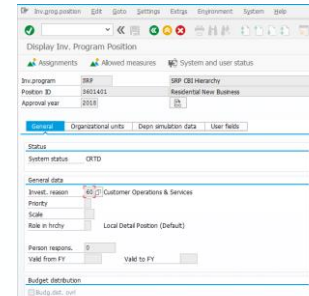


SRP Fiori Process

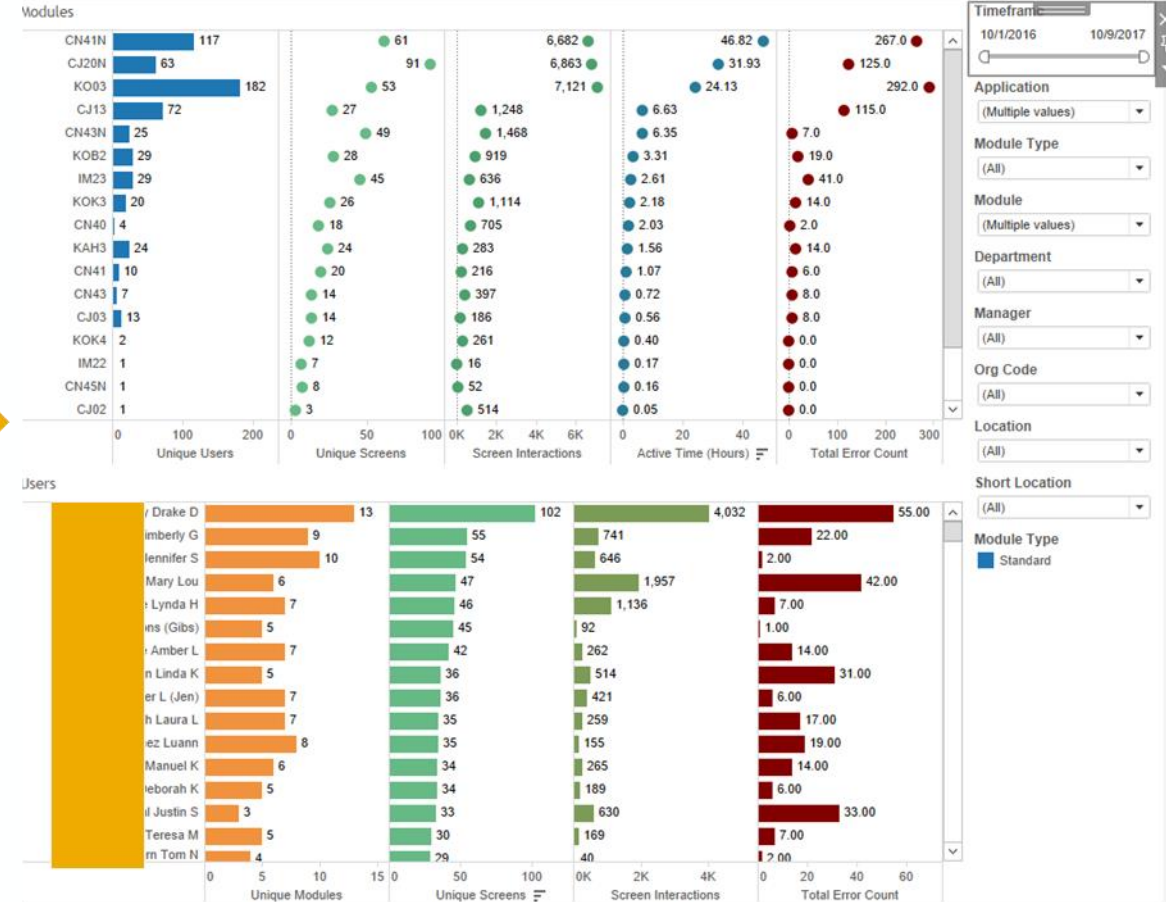
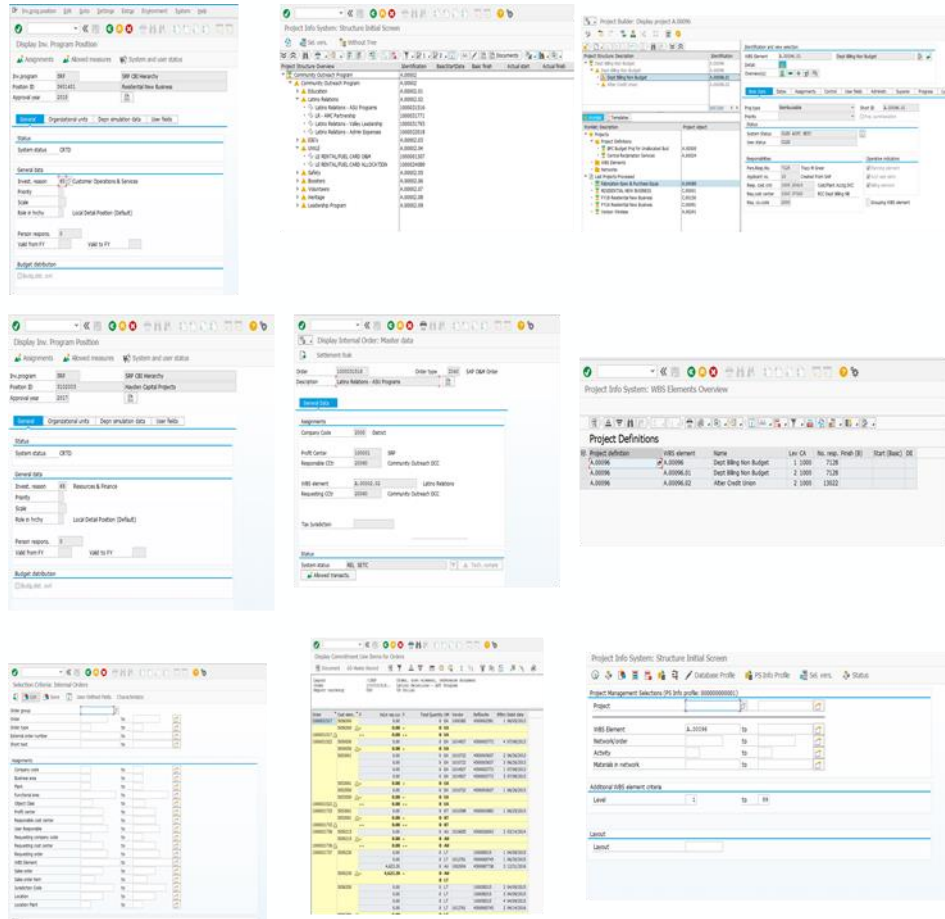


Identify Potential Screen Improvements

- Identify transactions with:
 - Highest error rates
 - Screen interactions
 - Multiple t-codes needed to find your answer
 - Highest level of user activity
- Started with use cases around searching and reporting transaction codes (t-codes)
 - WBS/IO Search
 - Material Search
 - Vendor Search
- Identify and analyze user impact
- Select a group of transactions that should be targeted for migration to SAP Fiori, or SAPUI5



A Different Way to Analyze Data



Design-Thinking Process

SAP UEM by **KNOA**
can help you...

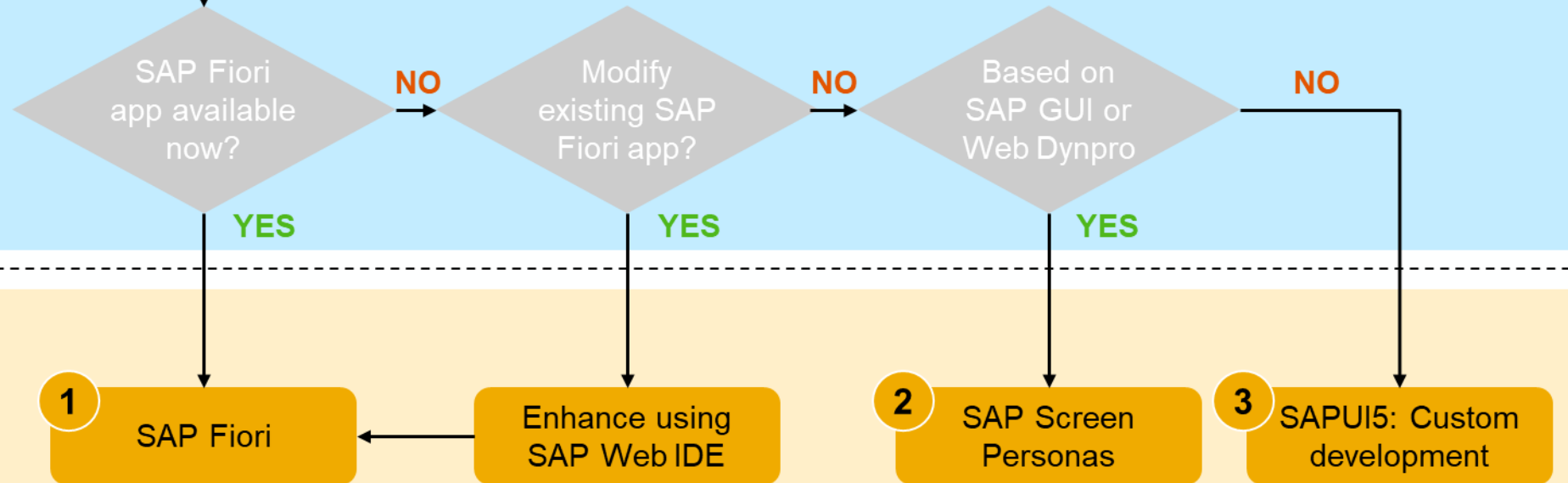
... **assess** the current UX to identify user experience challenges, design, and process workflow issues

Start:

Design thinking

Used KNOA data to identify users for focus groups

... **improve** design and performance during the development, quality assurance, and UAT cycles



... **measure** adoption and performance of the new UX for immediate feedback and response

SRP Fiori Dashboard

The screenshot displays the SRP Fiori Dashboard interface. At the top left, there is a user profile icon and the SAP logo. The top right corner shows the word "Home". Below this is a navigation bar with tabs: "My Home", "Search", "SAP GUI", "Portal", "Applications", "Tasks", and "SAP". The main content area is divided into two rows of application tiles. The first row contains seven tiles: "SAP GUI" (highlighted with a dashed border), "Travel & Expense / My Tasks", "Analytics", "KNOA Dashboard", "GRC - Access Control", "Fiori Forms" (displaying a count of 0), and "KNOA PRD". The second row is titled "Search" and contains four tiles: "WBS IO Search", "Customer Search", "Material Search", and "Vendor Search". Each tile includes a representative icon.

SAP Fiori Apps Developed

Results (41) WBS IO Search Cost Objects

A.00647
WBS
FY15 AGUA FRIA CAPITAL BETTERMENTS

A.00647.01
WBS
DCS Upgrades

A.00647.02
WBS
PROPANE GENERATOR

A.00647.03
WBS
U2 COOLING TOWER UPGRADE

A.00647.04
WBS
U3 COOLING TOWER UPGRADE

A.00647.05
WBS
U2 TRANSFORMER MONITORS

A.00647.06
WBS

A.00647 FY15 AGUA FRIA CAPITAL BETTERMENTS

CBI	PROJECT	WBS	INTERNAL ORDER	COMMITMENT
Capital Budget Item (1 of 1)				
CBI	Description	Investment Reason	Business Segment	CC
310909	Agua Fria Capital Projects	Resources & Finance	Generation Agua Fria	23320

PROJECT

Project Id	Description	Status	Responsible Person
A.00647	FY15 AGUA FRIA CAPITAL BETTERMENTS	REL	Gary M Spencer

WBS

WBS Element	Description	Ply Type	Status	Prntf Ctr	Req CC	CC Group
A.00647	FY15 AGUA FRIA CAPITAL BETTERMENTS	07	REL / EXEC	100001	23320	07-13320
A.00647.01	DCS Upgrades	07	REL / EXEC	100001	23320	07-13320
A.00647.02	PROPANE GENERATOR	07	REL / EXEC	100001	23320	07-13320
A.00647.03	U2 COOLING TOWER UPGRADE	07	TECO / FIRA	100001	23320	07-13320
A.00647.04	U3 COOLING TOWER UPGRADE	07	TECO / FIRA	100001	23320	07-13320

WBS/IO Search

Customer Search

Results (7) Customer Search

100050 ARIZONA PUBLIC SERVICE

PO BOX 53933 PHOENIX AZ 85072-3933

Phone (602) 250-3880

Search Term(s) APS
Search Term 2 AP5M

BILL TO

Distribution Channel	Cust #	Name	Address
04 Wholesale	700865	ARIZONA PUBLIC SERV	PO BOX 53933 US 3610 PHOENIX AZ 85072-3933 US
05 Graphic Records	700762	ARIZONA PUBLIC SERVICE	PO BOX 53933 M S 3177 PHOENIX AZ 85072-3933 US
06 Construction	700400	ARIZONA PUBLIC SERVICE	PO BOX 53930 PHOENIX AZ 85072-3920 US
700762	700800	ARIZONA PUBLIC SERVICE	13979 W VAN BUREN ST GOODYEAR AZ 85338-1254 US
07 Services	700316	ARIZONA PUBLIC SERVICE	PO BOX 53959 PHOENIX AZ 85072-3959 US
700400	700398	ARIZONA PUBLIC SERVICE	2543 W CHEVY DRIVE MS 407 PHOENIX AZ 85021-1913 US
100472	700400	ARIZONA PUBLIC SERVICE	PO BOX 53930 PHOENIX AZ 85072-3930 US
700392	700392	ARIZONA PUBLIC SERVICE	PO BOX 53940 PHOENIX AZ 85072-3940 US
100390	700600	ARIZONA PUBLIC SERVICE	13979 W VAN BUREN ST GOODYEAR AZ 85338-1254 US

CONTACTS



Mobility (Future)

Results (25) Vendor Search

1004312 Flowserve Us Inc

MAIN VENDOR ORDERING ADDRESS REMITTANCE ADDRESS

Flowserve Us Inc
Mike Langdon

Vendor 1004312 Company: 2000
Flowserve Fag Corporation
24301 S WILMINGTON AVE
CARSON CA 90745-6139

ORDERING ADDRESS

Flowserve Us Inc
Vendor 1001195 Company: 2000
Flowserve Fag Corporation
1900 S SAUNDERS ST
RALEIGH NC 27603-2318

Flowserve Us Inc
Vendor 1001083 Company: 2000
2000 E 13TH ST
LA PORTE TX 77571-9632

Flowserve Us Inc
Vendor 1001733 Company: 2000
Flowserve Fag Corporation
1350 N MOUNTAIN SPRING PKWY
SPRINGVILLE UT 84663-3004

Vendor Search

Material Search

Results (1000) Material Search

5003282 PAINT,ACRYLIC,TRANSFORMER GREE

ENAMEL GREEN TRANSFORMER MAINTENANCE TOUCH UP

PURCHASING/PLANNING

Purchasing group: 139 Barry Renee
Internal Group: 31211504 COATING PAINTS
Material Group: 0010 CHEM HYDRO LIME
Manufacture: UNKNOWN
MSP Type: PD MSP - D
MSP Controller: 007 Renee Barry

AVAILABILITY

Plant	Loc/Bn	Qty	Price	Min Lot Size	Reorder Point	Last Time
ELV1	0013	—	\$10.26	—	—	11 Days
ELV1	0014	—	\$10.26	—	—	14 Days
TEP1	0012 0034C	3	\$10.26	12.000	3.000	14 Days
TE02	0090	—	\$10.26	1.000	—	14 Days

WBS/IO Search Business Case

- Need: Create a user friendly experience to search and analyze SRP organizational cost objects.
- Transaction codes used:
 - CJ08, CJ13, CN41N, CN43N, CJ20N - Display Project/WBS Info
 - KOK3 – Collective Display for Internal Orders
 - IM23 – Display Investment Program
 - KOB2 – Display Commitment Line Items
- Benefits:
 - Combines organizational cost objects from multiple transaction codes into one user friendly search tool.
 - Access additional information through deep links.
 - Understand clear relationship between SAP cost objects

WBS/IO Search Business Case

Display WBS Element: Initial Screen

WBS elem.

Project Def. [A.00647]

WBS Element [A.00647]

WBS element Edit Goto Details Extras System Help

- Project summarization
- Create document
- Depreciation simulation data FB
- Asset under construction
- Create completed asset
- Investment program**
- Settings

Basic Data Dates Assignments Control User Fields Admin. Super...

Proj.type Standing Capital (Annual) Short ID A.00647

Priority [] Proj. summarization

Status

System Status REL

User status EXEC

Responsibilities

Pers.Resp.No. 60377 Gary M Spencer

Applicant no. 2 AFS-Maximo Agua Fria GS

Resp. cost ctr 1000 23330 Agua Fria GenStn DCC

Req.cost center 1000 23320 ValleyGeneration DCC

Req.co.code 2000

Operative indicators

Planning element

Acct asst elem.

Billing element

Project Info System: WBS Elements Initial Screen

DB profile DB profile Status

Project Management Selections (DB profile: 000000000001)

Project [A.00647]

WBS Element [] to []

Additional WBS element criteria

Level [1] to [99]

Display WBS Element: Initial Screen

WBS elem.

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WBS Element [A.00647]

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WBS Element [] to []

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Level [1] to [99]

A.00647 - Assignment to investment program position

Investment program [SRP] SRP CBI Hierarchy

Position ID [3109095] Agua Fria Capital Projects

Approval year [2015]

Display WBS Element: Initial Screen

WBS elem.

Project Def. [A.00647]

WBS Element [A.00647]

WBS element Edit Goto Details Extras System Help

- Project summarization
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Planning element

Acct asst elem.

Billing element

A.00647 - Assignment to investment program position

Investment program [SRP] SRP CBI Hierarchy

Position ID [3109095] Agua Fria Capital Projects

Approval year [2015]

Project Info System: WBS Elements Overview

Project definition	WBS element	Name	T. Prflr center	Cr.OrdNo	Res.Ord	Status	Applicant	Org Sheet	C. G. W. A. B.	
A.00647	A.00647.01	AFS AGUA FRIA CAPITAL RETIREMENTS	EP 100001	2000	23320	23330	REL // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.02	DCS Upgrades	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.03	PROPANE GENERATOR	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	15 01 X
A.00647	A.00647.04	COOLING TOWER UPGRADE	EP 100001	2000	23320	23330	TECO SETC // FRA	AFS-Maximo Agua Fria GS	200602	15 01 X
A.00647	A.00647.05	TRANSFORMER MONITOR	EP 100001	2000	23320	23330	TECO SETC // FRA	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.06	MAN FIRE PROTECTION VORTEX DETECTING SVST	EP 100001	2000	23320	23330	TECO SETC // FRA	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.07	GENERATOR FLUX PROBE	EP 100001	2000	23320	23330	TECO SETC // FRA	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.08	ELECTRONIC OVERHEAT TRIP SERVICES	EP 100001	2000	23320	23330	TECO SETC // FRA	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.09	FIRE PROTECTION METER SYSTEM PANEL	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.10	3 ADJ MAN GEN BREAKER 2ND TRIP COIL	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.11	TRANSFORMER	EP 100001	2000	23320	23330	TECO SETC // COMP	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.12	TEST BAR TANK REPLACEMENT	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.13	4 LARGE TRANSFORMER RISING MONITOR	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.14	MAN TANK REPLACEMENT	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.15	TEMPERATURE POWER OPERATORS	EP 100001	2000	23320	23330	TECO SETC // FRA	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.16	STAND-BY AIR TRANSFORMER	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.17	DCS BRACKET	EP 100001	2000	23320	23330	TECO SETC // FRA	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.18	3 BPP FLUID OILDR POWER OPERATORS	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.19	GENERATOR BREAKER REPLACEMENT	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.20	MAN Transformer Main-Gas Dis Gas M	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.21	MAN Transformer Main-Gas Dis Gas M	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.22	Generator Breaker Replacement	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.23	Generator Main-Gas Dis Gas M	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.24	Generator Breaker Replacement	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.25	BOILER TUBE REPLACEMENT	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.26	BOILER TUBE REPLACEMENT	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.27	AFSS RADIOS & REPEATER (COMMUNICATIONS)	EP 100001	2000	23320	23330	TECO SETC // FRA	AFS-Maximo Agua Fria GS	200602	22 01 X
A.00647	A.00647.28	Electronic Overheat Trip	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.29	Generator Main-Gas Dis Gas M	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.30	Agua Fria S/S Cooling Monitor	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.31	FBIS (3) BPP Fuel Oilr Power Operat	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.32	FBIS (3) S/S Equipment Upgrade	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.33	FBIS (4) Generator Breaker Replacement	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X
A.00647	A.00647.34	FBIS (4) S/S Monitor	EP 100001	2000	23320	23330	REL SETC // EXEC	AFS-Maximo Agua Fria GS	200602	04 01 X

SAP Fiori Development

- Created an SAP Fiori application from 8 to 12 transaction codes containing over 40 screens into one simple look and feel
- Replaced screen interactions and unique screens with ABAP code by understanding business processes from focus groups
- Provided drill down capabilities into SAP and retaining selection to further decrease screen interaction by users
- Added functionality for partial searches to reduce error count. Most SAP searches requires exact match
- Non super users no longer need to remember specific transaction codes
- Searching time reduced by 80% for some complex use cases

The screenshot displays the SAP Fiori application interface for 'WBS IO Search Cost Objects'. The left sidebar shows a list of search results with columns for description and transaction codes. The main area shows a detailed view for 'A.00293 Finance & Supply Chain'.

Recent (10)

Search results are filtered on : ALL objects, Exclude CLSD, 100 detail rows

Project Id	Description	Status	Responsible Person
A.00293	Finance & Supply Chain	REL	Kristy S Mcfarland

WBS

WBS Hierarchy [7 of 7]

WBS Element	Description	Prj Type	Status	Profit Ctr	Req CC	CC Group
A.00293	Finance & Supply Chain	08	REL / EXEC	100001		
A.00293.04	Other Accounting & Finance System	08	REL / EXEC	100001	20560	09-10560
A.00293.06	SAP Finance	08	REL / EXEC	100001	20560	09-10560
A.00293.07	SAP Supply Chain	08	REL / EXEC	100001	20560	09-10560
A.00293.09	SAP Basis	08	REL / EXEC	100001	20560	09-10560
A.00293.10	SAP Development	08	REL / EXEC	100001	20560	09-10560
A.00293.11	SAP Integrations	08	REL / EXEC	100001	20560	09-10560

INTERNAL ORDER

Internal Order (IO) [16 of 16]

Internal Order	Description	Status	Req CC	WBS	Costing Sheet
1000013277	OtherAccounting & Finance System	REL	20560	A.00293.04	ZOR015
1000031355	15 Percent Shareholder Comp Support	REL	20560	A.00293.04	ZOR015
1000034275	SAP Finance	REL	20560	A.00293.06	ZOR015
1000034276	SAP Supply Chain	REL	20560	A.00293.07	ZOR015
1000034278	SAP Basis	REL	20560	A.00293.09	ZOR015

WBS IO Search

Fiori WBS/IO Search

Results (0)

Search

WBS IO Search Cost Objects

Use any of these search criteria:

- CBI - Capital Budget Item (eg. 3601240)
- Project ID (eg. A.365)
- WBS (eg. A.365.1)
- IO (eg. G803456701)
- Requesting Cost Center (eg. 20900)
- Cost Center Group (eg. 06-12380)
- CBI, WBS, IO, Req CC or CC Group Description (eg. mobile)

Please note:

- whole or partial information can be entered
- a minimum of 2 characters need to be entered
- a maximum of 24 characters is allowed
- selecting a specific object type in the filter criteria may shorten execution time

Prior to using the CN41N or KOB2 link, please set up the following profile entries :

- PFL = 000000000001
- CAC = 1000

Use tcode SU3 to create the entries under the Parameters tab.

WBS IO Search

What are users saying?

“Literally feels like every other website and app that you use outside of work. It’s just like Chase.”

“Fiori improves and simplifies the experience.”

“It’s easy to use and will save time.”

“Way less steps than using the SAP GUI, and it’s faster.”

Presentation Materials

Access the slides from 2019 ASUG Annual Conference here:

<http://info.asug.com/2019-ac-slides>

Q&A

For questions after this session, contact us at

Gibs.SaintPaul@srpnet.com

and

Jesse.Bernal.Jr@sap.com

Visit **Knoa Booth #1244** for a demo

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