



Enterprise Reinvention at Scale: How Equinor Fused SAP Signavio and SAP LeanIX to Create a Clean Core



Jan Nicholls

Industry X Manufacturing
& Ops Lead EMEA

Accenture

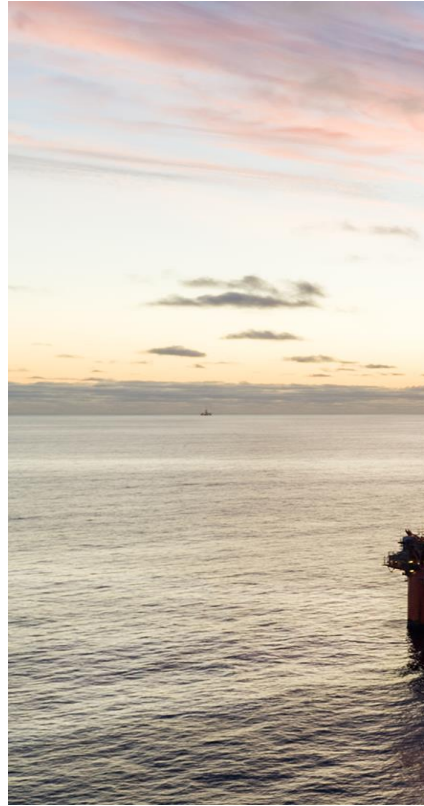


Rune Brattåker

Solution Integration & Architecture
Lead

Equinor

Agenda



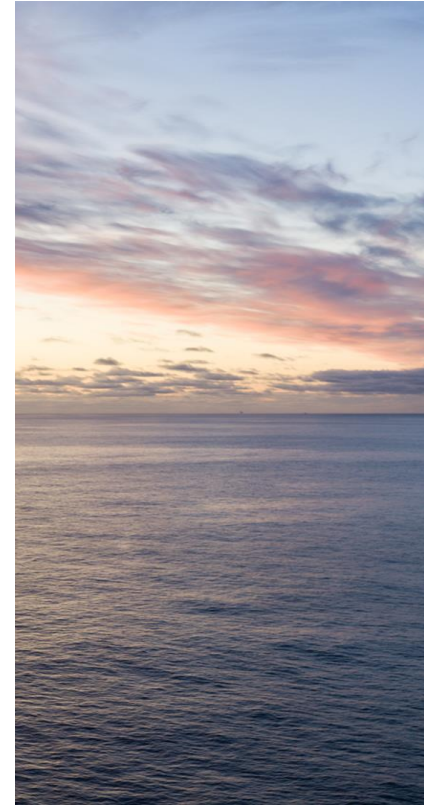
01

**About Equinor
and NexUs**



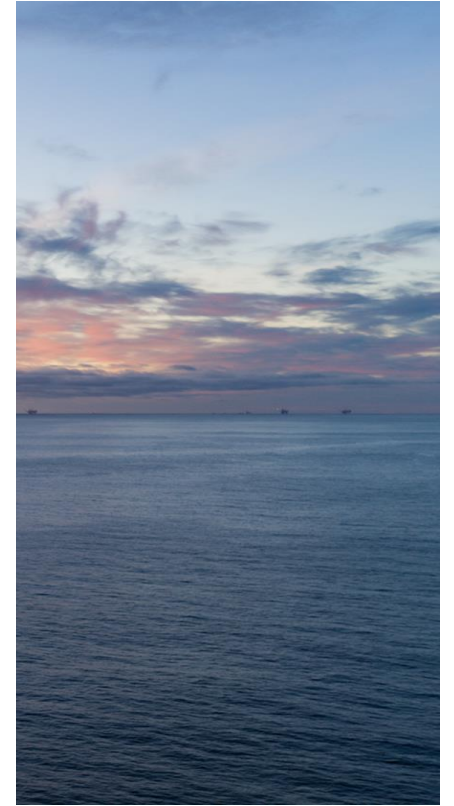
02

**Why SAP LeanIX and
SAP Signavio in NexUs**



03

Lessons Learned



04

Next steps



Equinor is an energy company searching for better

The NexUs program supports Equinor's long term strategy by powering the digital future of the company.



NexUs Program

NexUs PO

People & Organisation



Human Resources

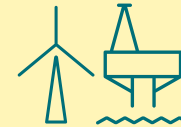


NexUs ERP

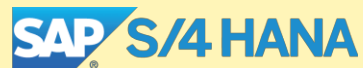
Enterprise Resource Planning



- Finance & Control
- Administrate P&O data
- Master Data Management



- Operation & Maintenance
- Warehouse & Logistics



NexUs EMA

Establish & Manage Agreements



Strategic Sourcing



About our Legacy ERP System

KEY NUMBERS



~27k

Active Users

130+

Interacting Systems

25+

Years in Operation

(Prerequisite for license
to operate)

~280

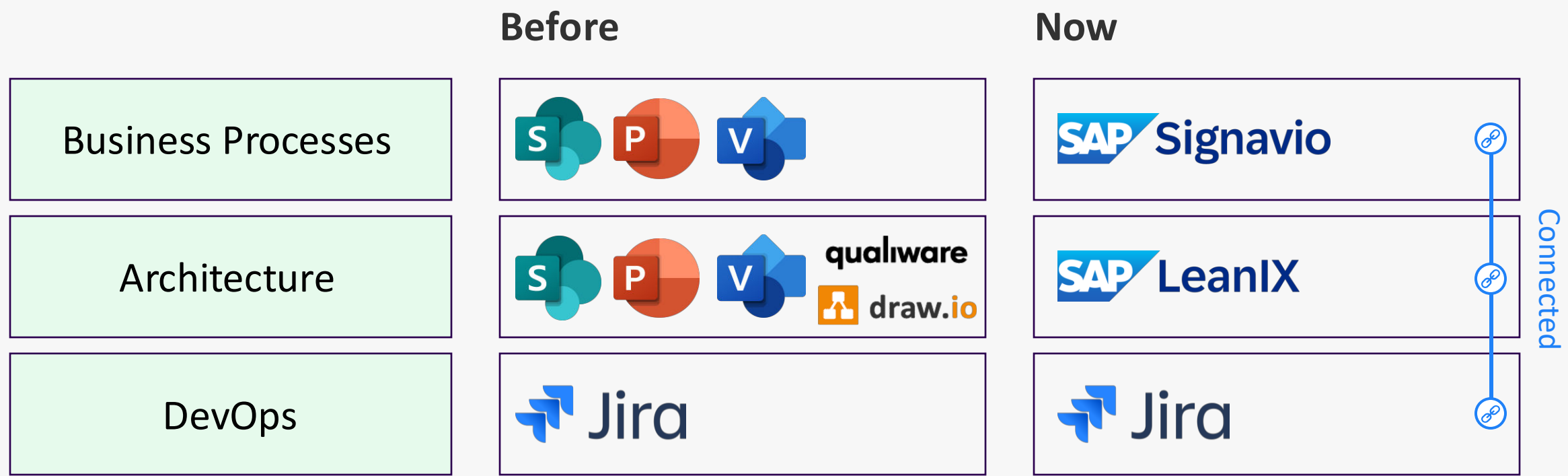
Active Company

Codes

(legal entities)



Connecting Business Processes to Architecture and DevOps



Lessons Learned



Define a solid business case in advance



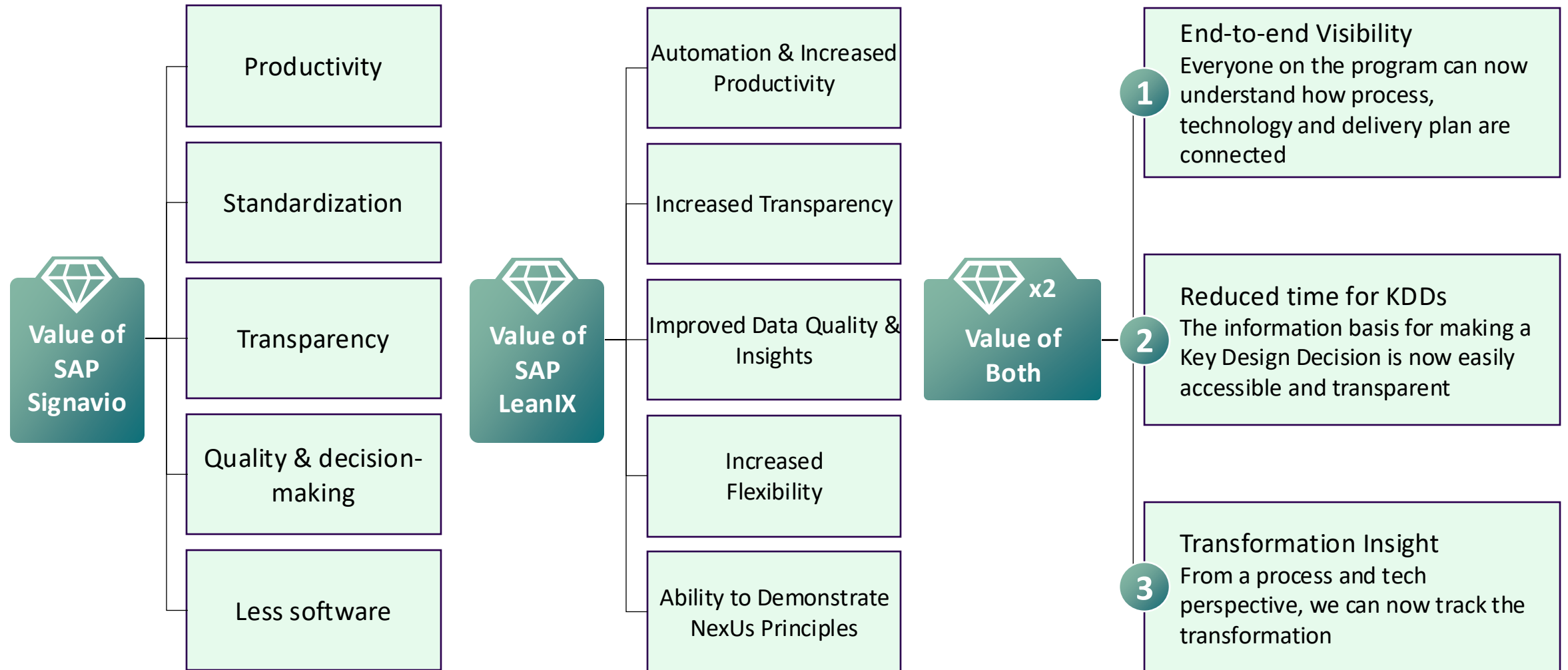
Be clear on the questions you want these tools to answer



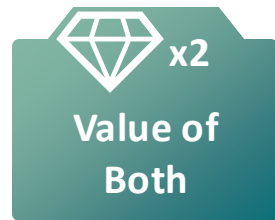
The key to value is adoption



We defined a clear Business Case for SAP LeanIX & SAP Signavio



Use cases demonstrated, based on key questions to answer



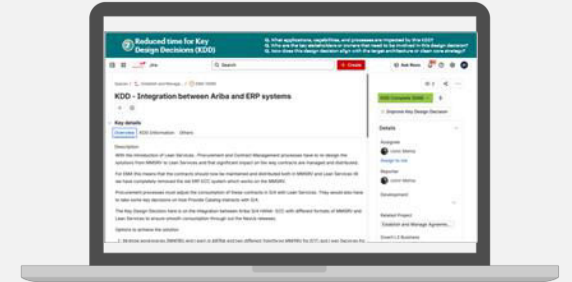
1 End-to-end Visibility

- Release plan management to identify Risks and Dependencies across the program



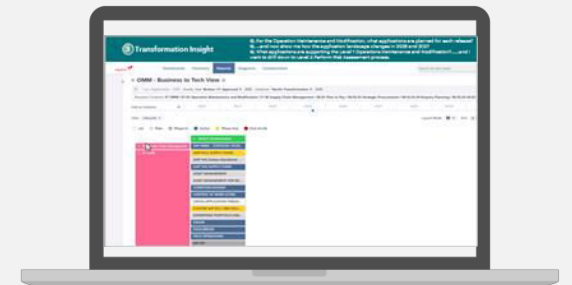
2 Reduced time for KDDs

- Significantly faster resolution time for Key Design decisions



3 Transformation Insight

- Full insights into the connections between business process, technology and delivery



1 End-to-end Visibility

- Q. When are the NexUs releases planned to be delivered?
- Q. What is the scope of architectural change involved in a particular rollout?
- Q. How many applications are being modified in Nexus Release 4 for EPN and what are they?
- Q. What are my project dependencies?



← NexUs Release Plan ☆

Save As

Share



ⓧ Type: Initiative AND Quality Seal: Broken OR Approved ⓧ AND Subtype: Program OR Project OR Epic ⓧ AND Parent: .NexUs Transformation ⓧ +

View

Lifecycle ▾

Initiatives

Select

Collapse All

Expand All

Sort

End Date ▾

Zoom

Quarter ▾

Settings



☐ n/a ☐ Plan ☐ Phase In ☒ Active ☐ Phase Out ☐ End of Life

Initiative

Q3-2025

Q4-2025

Q1-2026

Q2-2026

> .NexUs Transformation

NR2

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View Lifecycle ▾ Initiatives Select

Collapse All

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Sort

End Date ▾

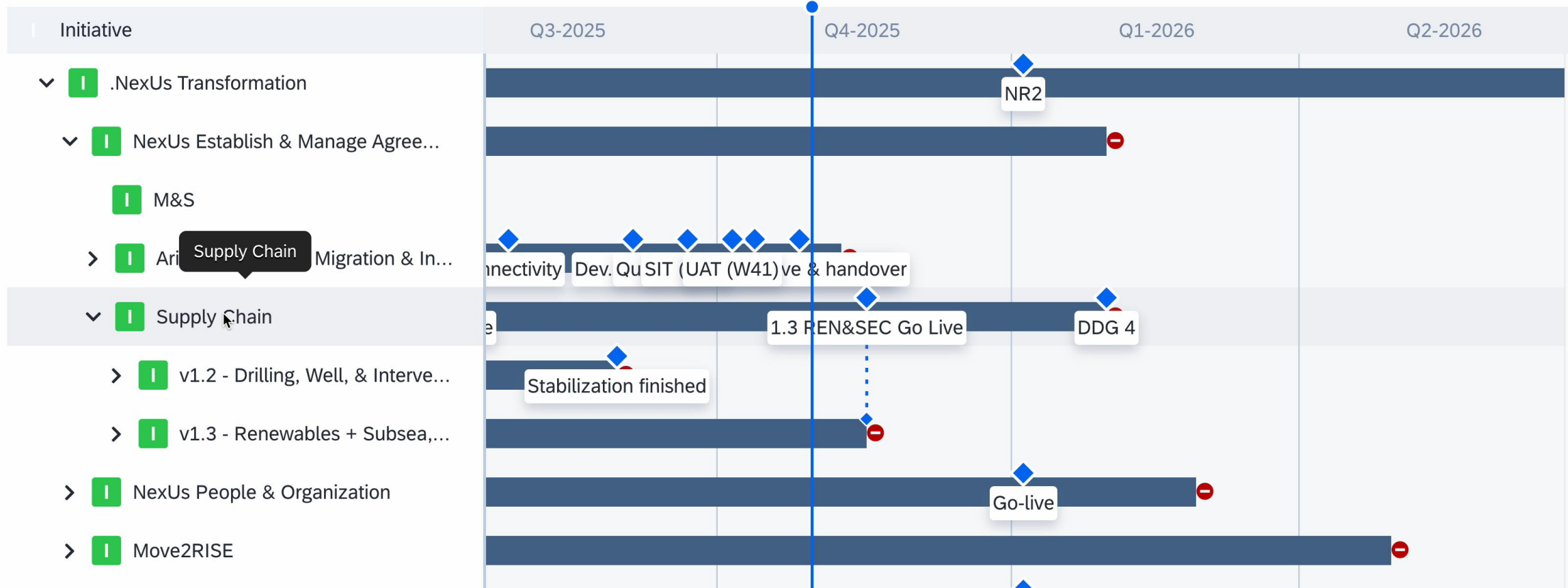
Zoom

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○ n/a ○ Plan ○ Phase In ● Active ● Phase Out ● End of Life



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A CONTIKI - 28%

Check needed Set Your Role + Copy More

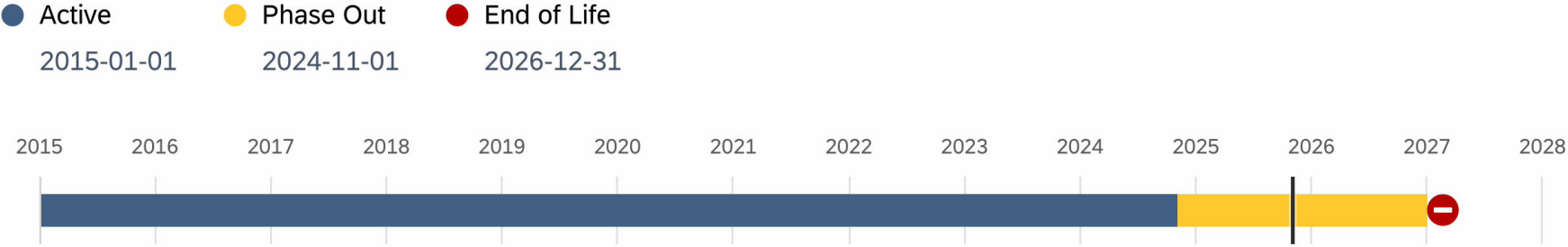
Fact Sheet Subscriptions 3 Comments To-dos Resources Transformations Metrics Surveys Last update (29 days ago)

Information

Search for sections, subsections and fields...

Lifecycle

Lifecycle



Relations Explorer



1 End-to-end Visibility

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View Lifecycle ▾ Initiatives Select

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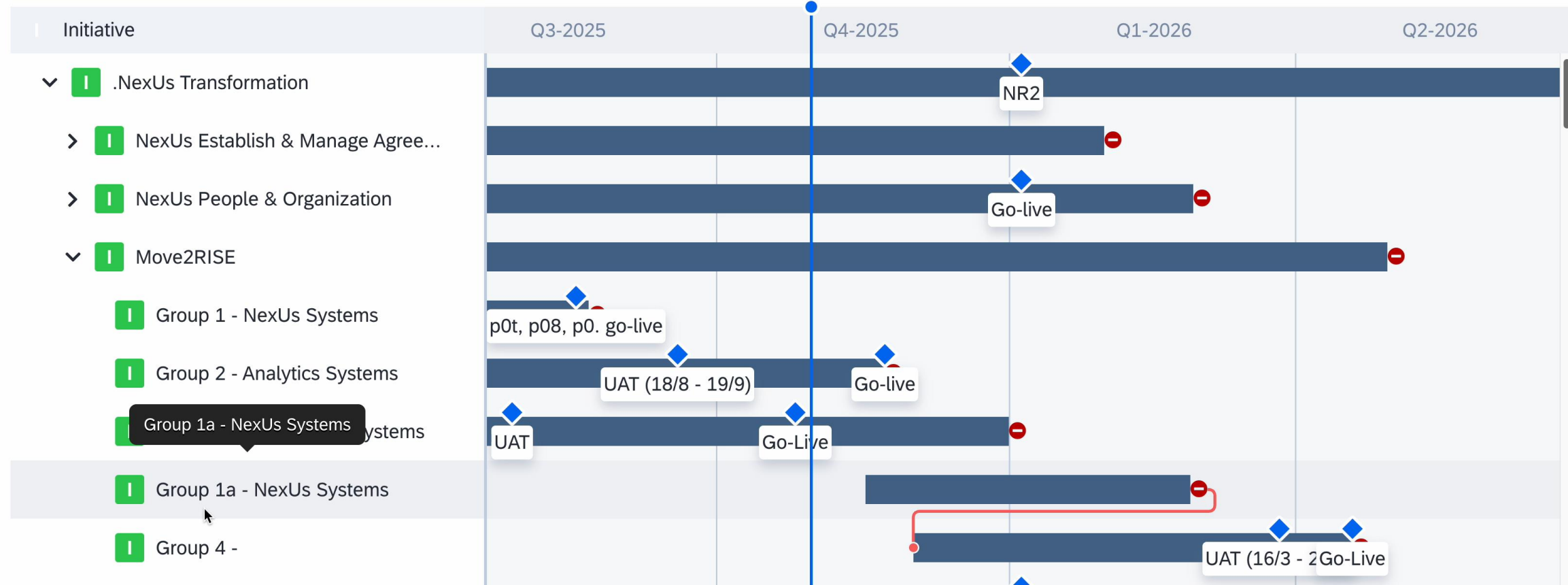
Zoom

Quarter ▾

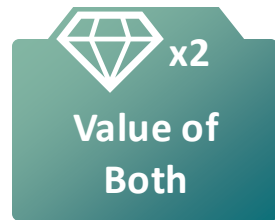
Settings



○ n/a ● Plan ● Phase In ● Active ● Phase Out ● End of Life

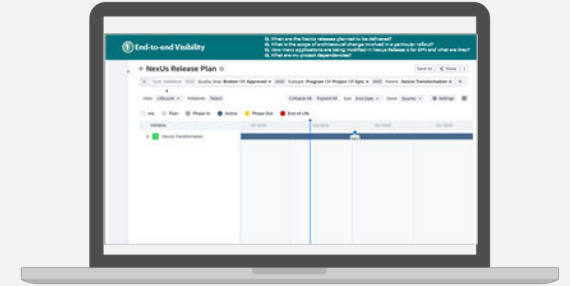


Use cases demonstrated, based on key questions to answer



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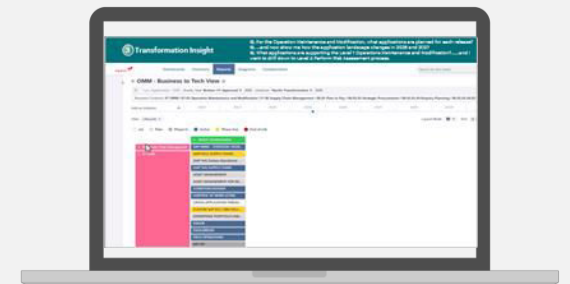
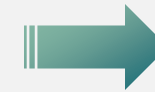
2 Reduced time for KDDs

- Significantly faster resolution time for Key Design decisions



3 Transformation Insight

- Full insights into the connections between business process, technology and delivery



2 Reduced time for Key Design Decisions (KDD)

- Q. What applications, capabilities, and processes are impacted by this KDD?
- Q. Who are the key stakeholders or owners that need to be involved in this design decision?
- Q. How does this design decision align with the target architecture or clean core strategy?

Spaces /  Establish and Manage... /  EMA-14060

KDD - Integration between Ariba and ERP systems



KDD Complete (DAB) 



 Improve Key Design Decision

Details

Assignee

 Ushir Mehta

[Assign to me](#)

Reporter

 Ushir Mehta

Development

Related Project

Establish and Manage Agreeeme...

Insert L3 Business

Key details

[Overview](#) KDD Information Others

Description

With the introduction of Lean Services , Procurement and Contract Management processes have to re-design the solutions from MMSRV to Lean Services and that significant impact on the way contracts are managed and distributed..

For EMA this means that the contracts should now be maintained and distributed both in MMSRV and Lean Services till we have completely removed the old ERP ECC system which works on the MMSRV.

Procurement processes must adjust the consumption of these contracts in S/4 with Lean Services. They would also have to take some key decisions on how Provide Catalog interacts with S/4.

The Key Design Decision here is on the integration between Ariba-S/4 HANA- ECC with different formats of MMSRV and Lean Services to ensure smooth consumption through out the NexUs releases.

Options to achieve the solution

- 1 Multiple workspaces (MMSRV and Lean) in ARTBA and two different Interfaces MMSRV for ECC and Lean Services for

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Spaces / Establish and Manage... / EMA-14060

KDD - Integration between Ariba and ERP systems



Key details

Overview **KDD Information** Others

Presenting PAL



Chuck Nagel

Solution

ARIBA

DAB Attendees required for KDD



Chuck Nagel Dominik Kensy Leif-André Sneen-Aarlie

Rune Brattåker Ushir Mehta

Participating Teams

6.1 - Operational Sourcin...

Establish and Manage Ag...

Solution options

1. Multiple workspaces (MMSRV and Lean) in ARIBA and two different Interfaces MMSRV for ECC and Lean Services for S/4 HANA.
2. Single Workspace in Ariba with Lean Services and distribution to S/4 HANA which further distributes to ECC

2



More fields Original estimate, Tim...

Automation ⚡ Rule executions >

LeanIX

 [Link a Fact Sheet](#)

 [Linked Fact Sheets](#)

A SAP ARIBA 1.2
active

B 06 Supply Chain Man...
active

 .Nexus Transformatio...
active

2 Reduced time for Key Design Decisions (KDD)

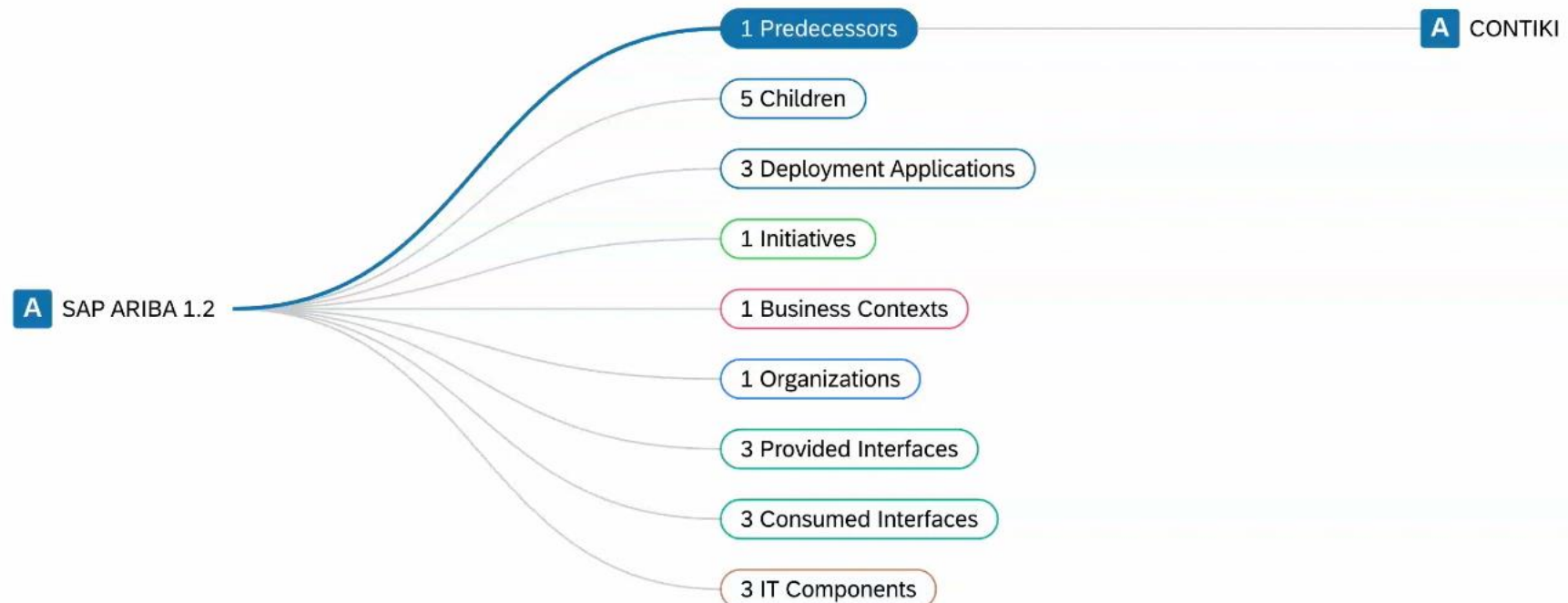
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SAP ARIBA 1.2 Relations Explorer



SAP ARIBA 1.2 > Predecessors

Export 



2

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Search for fact sheet



JN

SAP ARIBA 1.2



52%

Check needed

Set your Role



A Business Applicat...

EMA

SAP

Ariba offers procurement solutions. With SAP Ariba e-procurement and supply chain cloud solutions that are...

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Transformations

Metrics

Surveys

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Links



KDD Integration between Ariba and ERP systems

Jira • Establish and Manage Agreements / EMA-14060 • KDD Complete (DAB) • Assignee: Ushir Mehta

Diagrams with this fact sheet



Ariba , S/4 Hana and SAP ECC landscape setup

Leif-André Sneen-Aarlie



D&W Application Architecture

Kristoffer Stray Håkull



D&W application architecture_backup

2

Reduced time for Key Design Decisions (KDD)

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Search for fact sheet



JN



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Transformations

Metrics

Surveys

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Links



KDD - Confirm IT equipment asset management process for release 2

Jira • NextGen PMO / NGP-46793 • KDD Complete (NexUs MC) • Assignee: Dominik Kensy



Integration between Ariba and ERP systems

Jira • Establish and Manage Agreements / EMA-14060 • KDD Complete (DAB) • Assignee: Ushir Mehta



KDD - Technical Solution for Supplier Collaboration

Jira • NextGen OMM and LOG / NOL-11148 • KDD Complete (DAB) • Assignee: Ushir Mehta



KDD - P&O - PO RFC - Decision on PO validation in P09 sys

Jira • NextGen PMO / NGP-46349 • KDD Complete (DAB) • Assignee: Kiran Gurujala (Accenture AS)

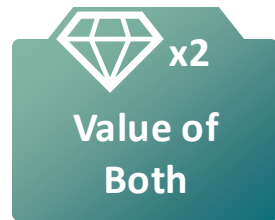
SAP Signavio integration images



Signavio Process Model

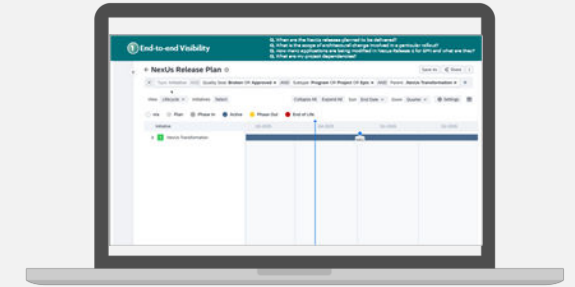
Imported from SAP Signavio • <https://editor.signavio.com/p/editor?id=42b8a5bf2581480bb1d0eeb881d55e05>

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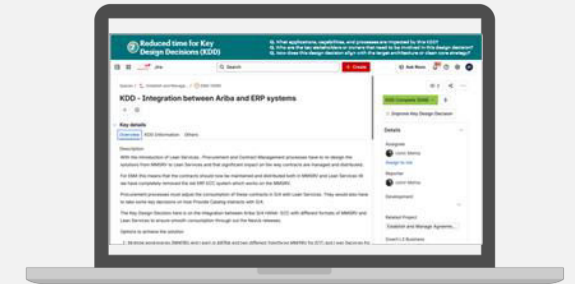
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- Q. For the Operation Maintenance and Modification, what applications are planned for each release?
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- Q. What applications are supporting the Level 1 Operations Maintenance and Modification?.....and I want to drill down to Level 4 Perform Risk Assessment process.



Dashboards

Inventory

Reports

Diagrams

Collaboration

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← OMM - Business to Tech View ☆

⊗ Type: Application AND Quality Seal: Broken OR Approved ⊗ AND Initiatives: .NexUs Transformation ⊗ AND

Business Contexts: 07 OMM / 07.01 Operation Maintenance and Modification OR 06 Supply Chain Management / 06.01 Plan to Pay / 06.01.01 Strategic Procurement / 06.01.01.04 Enquiry Planning / 06.01.01.04.02

Add an Initiative



2022

2023

2024

2025

2026

2027

2028

2029

View Lifecycle ▾

Layout Mode ▾ Sort ▴ ▾

☐ n/a ☐ Plan ☐ Phase In ☒ Active ☐ Phase Out ☐ End of Life

> .NexUs Transformation

> 06 Supply Chain Management

SAP ARIBA - STRATEGIC SOUR...

> 07 OMM

(SAP ECC) SUPPLY CHAIN

(SAP S/4) Subsea Operational ...

(SAP S/4) SUPPLY CHAIN

ASSET MANAGEMENT

ASSET MANAGEMENT FOR RE...

CONDITION ADVISER

CONTROL OF WORK (COW)

CROSS-APPLICATION TIMESH...

CUSTOM SAP ECC CBM SOLU...

ENTERPRISE PORTFOLIO AND...

EQHUB

EQUILIBRIUM

FIELD OPERATIONS

IMS PEI

3 Transformation Insight

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Add an Initiative + 2022 2023 2024 2025 2026 2027 2028 2029

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▾ .NexUs Transformation

▾ NexUs ERP

▸ NexUs Establish & Manage A...

CBM

▸ NR3 MMP

▸ NR3 REN NA, Pol, UK

▸ NR4 EPN

▸ 06 Supply Chain Management

SAP ARIBA - STRATEGIC SOUR...

▸ 07 OMM

CUSTOM SAP ECC CBM SOLU...

(SAP ECC) SUPPLY CHAIN

(SAP ECC) SUPPLY CHAIN

(SAP ECC) SUPPLY CHAIN

OPERATIONAL PLANNING TOO...

(SAP S/4) SUPPLY CHAIN

(SAP S/4) SUPPLY CHAIN

(SAP S/4) Subsea Operational ...

SAP ASSET PERFORMANCE M...

ASSET MANAGEMENT

ASSET MANAGEMENT

(SAP S/4) SUPPLY CHAIN

SAP DATASPHERE

ASSET MANAGEMENT FOR RE...

ASSET MANAGEMENT FOR RE...

ASSET MANAGEMENT

CONTROL OF WORK (COW)

CROSS-APPLICATION TIMESH...

ASSET MANAGEMENT FOR RE...

CROSS-APPLICATION TIMESH...

ENTERPRISE PORTFOLIO AND...

CONDITION MONITORING

ENTERPRISE PORTFOLIO AND...

MAINTENANCE CONCEPTS

CONTROL OF WORK (COW)

EQHUB

MAINTENANCE MANAGEMENT

CUSTOM SAP ECC CBM SOLU...

EQUILIBRIUM

MOD CONTRACTOR COLLABO...

ENTERPRISE PORTFOLIO AND...

FIELD OPERATIONS

OM NOTIFICATION APP

EQHUB

IMS PEI

OM WORK ORDER APP

EQUILIBRIUM

KAMFER

PLANT INTEGRITY REPORTS (...)

FIELD OPERATIONS

CUSTOM SAP ECC CBM
SOLUTION
(Phase Out)

3 Transformation Insight

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▾ NexUs ERP

> NexUs Establish & Manage A...

> NR3 MMP

> NR3 REN NA, PoI, UK

> NR4 EPN

> 06 Supply Chain Management

SAP ARIBA - STRATEGIC SOUR...

> 07 OMM

(SAP ECC) SUPPLY CHAIN

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(SAP ECC) SUPPLY CHAIN

(SAP S/4) SUPPLY CHAIN

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ASSET MANAGEMENT

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ENTERPRISE PORTFOLIO AND...

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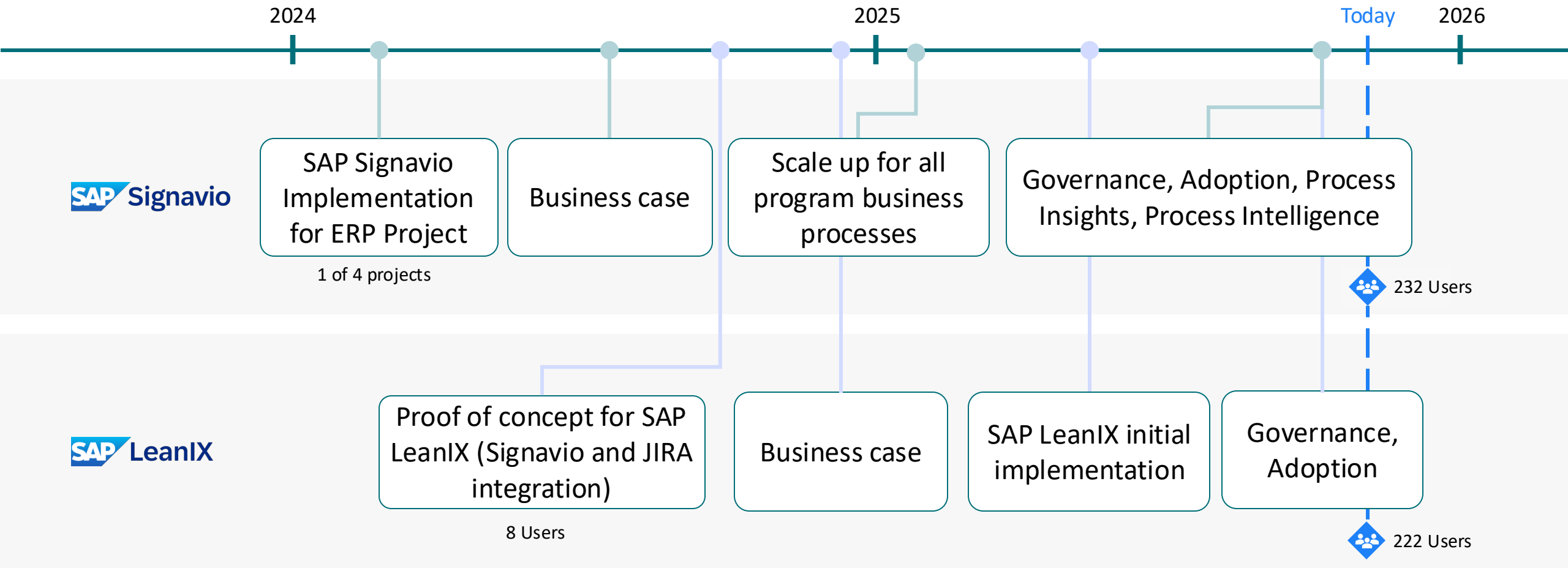
EQUILIBRIUM

KAMFER

PLANT INTEGRITY REPORTS (...)

FIELD OPERATIONS

The Timeline for Implementing LeanIX & Signavio



How We Drove High Adoption of SAP LeanIX & SAP Signavio



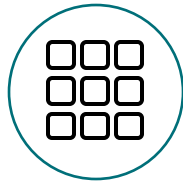
**Strong Comms
and Awareness**



**Role-Based
Training**



**Leveraged Accenture SAP
Business Group Expertise**



**Kept It Simple –
No Customization to
the Meta-Model**



Our journey with SAP LeanIX & SAP Signavio has just started

AI Roadmap :

NOW

-  SAP Signavio Process Insights
-  SAP Signavio Process Intelligence
-  SAP LeanIX Base AI features

NEXT

-  AI Capabilities in SAP Signavio
-  Joule in SAP Signavio
-  SAP LeanIX AI Agent Hub
-  Joule in SAP LeanIX
-  SAP LeanIX Other AI use cases



Join Ellen later for more on the Equinor transformation journey

NexUs

Powering the digital future of Equinor

equinor

Transforming Equinor From Legacy systems to data driven Excellence



Ellen Kjeldaas Salte

Senior Enterprise Architect



Tue Nov 4

2 PM · 25 min



Breakout Session



Thank you!



Contact details



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