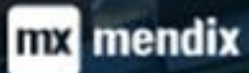




Mendix

Low code
for the Enterprise

Titan Consulting / Rapid App Werks





TITAN
CONSULTING

Established in 2001 by former SAP Executives, providing services to a customer base over 15 years of services and project implementations. Our SAP on-shore resources average over 20 years of experience across the SAP suite of solutions.

SAP Expertise covering the full lifecycle of managing enterprise applications

- New Projects
- Technical and Functional Upgrades
- Staff Augmentation
- Fractional Consulting
- Off-Shore/Near-Shore Development
- Application Managed Services (AMS)
- Fiori and Mobility Development



A Certified Partner



What we'll cover today

01

Introduction of Titan
Consulting/RapidAppWerks

02

What is Mendix

03

Modernize SAP with Mendix

04

Deployment Options

05

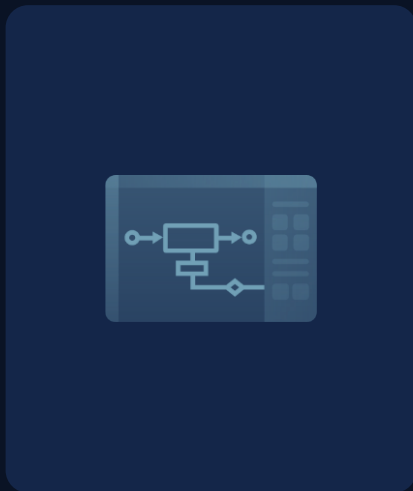
SAP/MX Use Cases

06

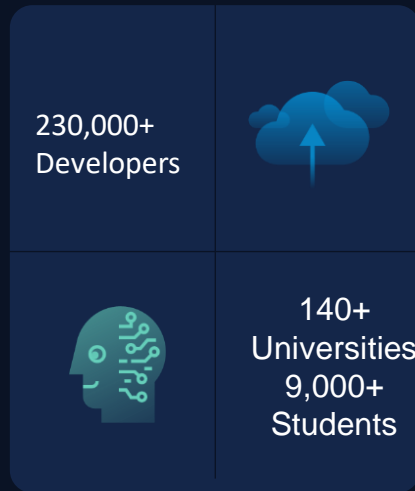
Questions



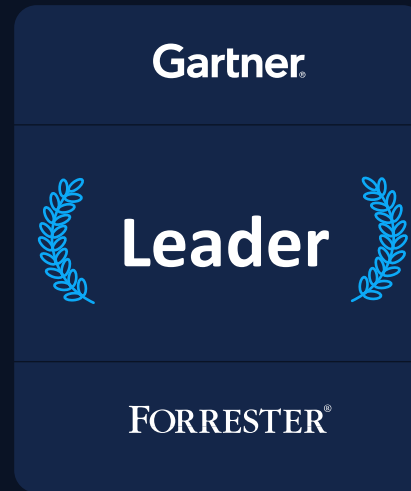
Mendix is the leading low-code platform for enterprise to create, integrate, deploy, manage and iterate modern business applications at scale.



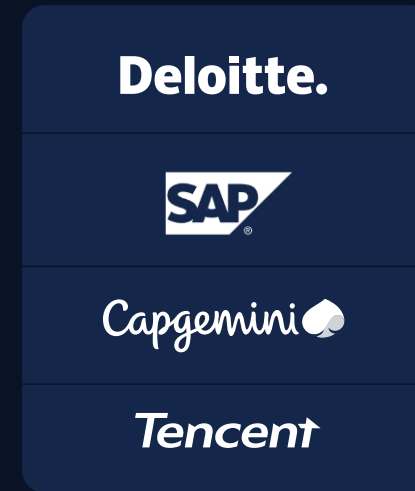
Visual modeling of logic, data, and UX



Large, established ecosystem of Mendix developers



Recognized Leader by analysts



200+ Strategic Partnerships



Strengthened by Siemens

The Landscape

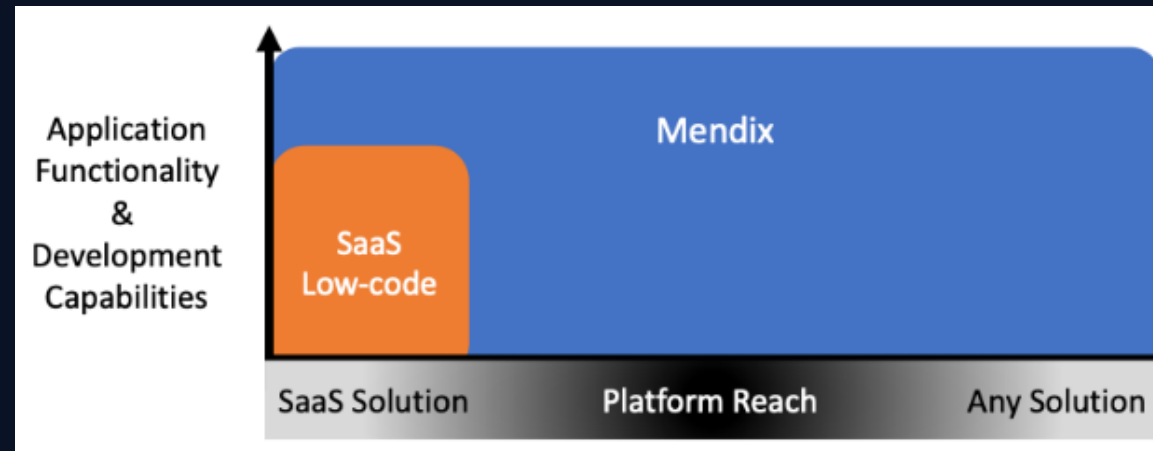
Developing in Mendix for any user, for a wide variety of interfaces, with complex logic, and a data layer.



Low code as a **Feature**







Low code as a **Platform**
(LCAP)



What you can do with Mendix





Digitalize customer experiences

-  SaaS applications
-  Onboarding
-  B2C mobile app
-  Self-service portals

“From idea to workable product that you can demonstrate to a customer in a fortnight, is unheard of. And we can do that.”

BARRINGTON CLARKE / DEVOPS LEAD /
ZURICH INSURANCE





Automate business processes

-  Complex budget approvals
-  Incident Management
-  Plant maintenance
-  Logistics/shipping management

“The services that we have built using Mendix have already processed millions of transactions per month.”

PRAKASH INBASEKARAN / ENTERPRISE ARCHITECT / DUBAI
MUNICIPALITY

Modernize core systems

-  Mobile SAP Supply Chain
-  Smart Warehousing
-  Work order management
-  Lotus notes refresh

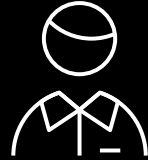
“Our 20-year old e-commerce solution had grown into a sizable monolith. To build a better application we needed better technology, so we brought Mendix in, which was fantastic for this kind of decomposition.”

MIROSLAV SAMOILENKO / DIRECTOR INTEGRATIONS
ARCHITECTURE / TRANE

The Mendix way



CITIZEN
DEVELOPER



BUSINESS
ANALYST



BUSINESS
ENGINEER

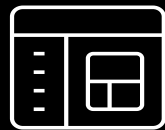


PROFESSIONAL
DEVELOPER

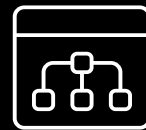
**Business
Agility**



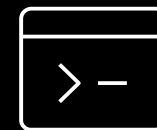
**IT
Control**



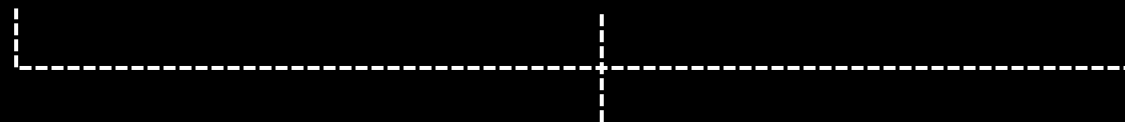
No code



Low-code



Code

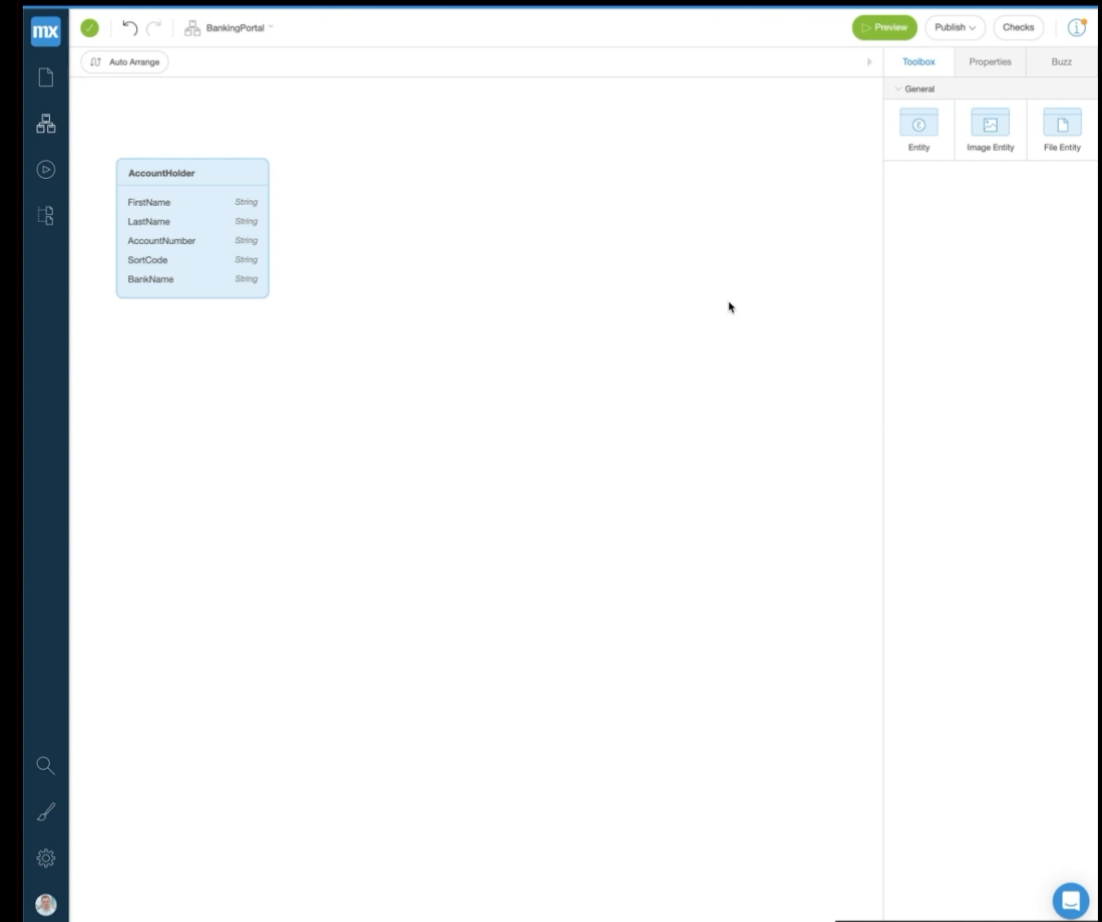


Low / No Code Development



BUILD APPLICATIONS 5-10X FASTER WITH 70% LESS RESOURCES

- Purpose built IDEs **designed for** Citizen and Pro Developers to work seamlessly together on a single app model
- Create engaging user experiences across any device with Visual, drag-and-drop, WYSIWYG IDE's
- Visually model logic with **Microflows** for complex logic, business processes and workflow with AI assisted development
- Collaborate with stakeholders across the entire platform
 - Share and comment of screens and logic
 - Pair program across the globe
 - Keep stakeholders informed and updated
 - Define and curate requirements
- Rapidly iterate with built in feedback, support for continuous integration development & deployment



Data Modeling

Deployment



Hybrid Cloud

- Leverage existing investment
- 1-click deployment
- Choose where each app is deployed
- Mendix apps in your own cluster for compliance, security or private connectivity needs - without managing your own CI/CD



Mendix Cloud

- Everything to host your Mendix apps at cloud scale. No DevOps team needed.
- Most optimized to run Mendix applications
- 1-click deployment
- Built in security and governance framework



On-premises

- Utilize existing infrastructure
- Migrate when ready, without rearchitecting
- Completely isolated from Mendix infrastructure. Complete control over deploying and managing your Mendix apps your way.

Multi-Cloud Portability

Build once, deploy anywhere

- Cloud portable out of the box
- Leverage existing investment
- (Virtual) Private Cloud or On-Premises

Future proof deployment strategy

- Deploy where you need to today
- Migrate without expensive re-architecting



Google Cloud





Extend & Differentiate the Core with SAP Cloud Platform RAD by Mendix

mx

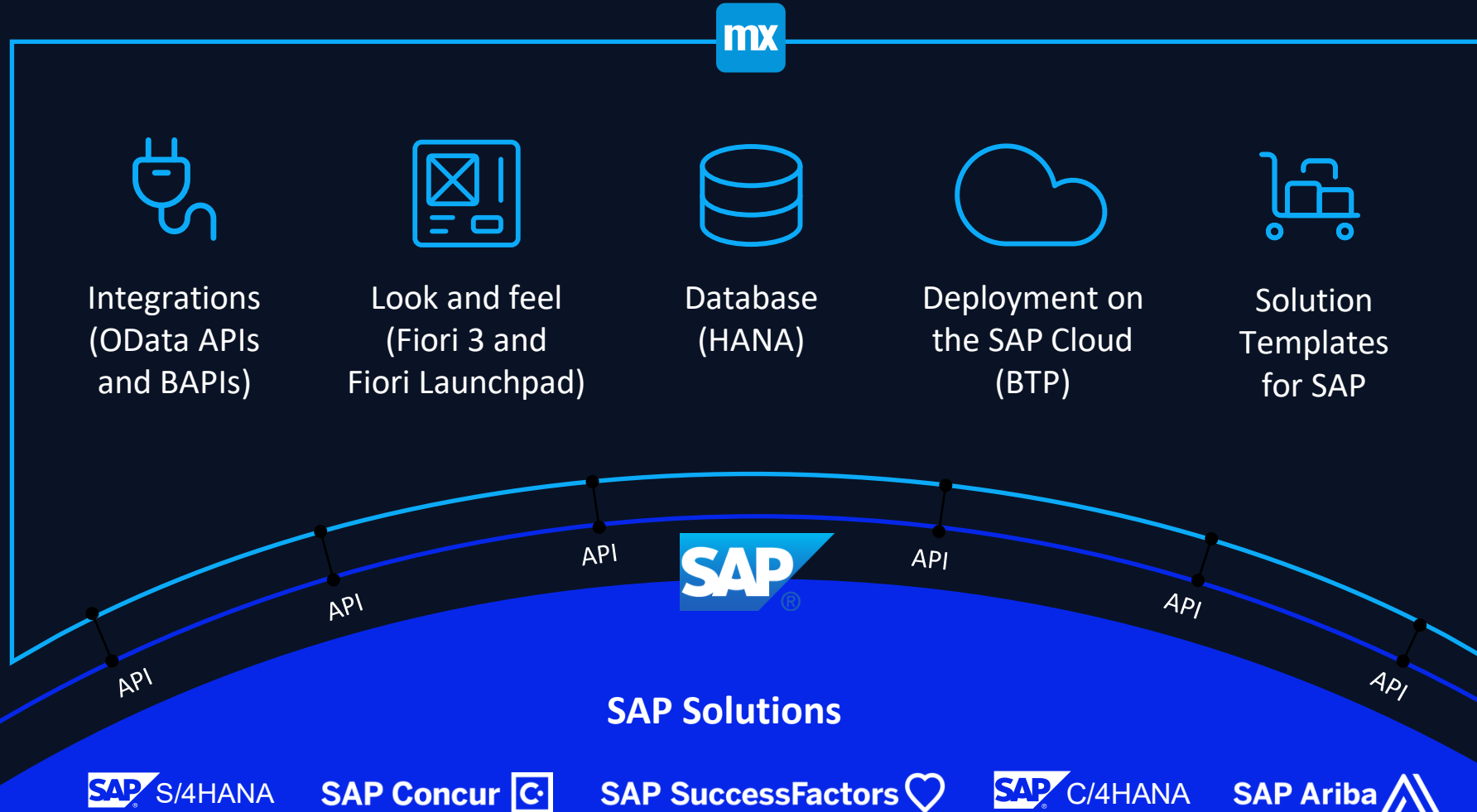
- ▶ Build applications the business needs 10x faster
- ▶ Keep the core “vanilla” with future proof extensions
- ▶ Leverage out-of-the box integrations with SAP ERP and LoB applications



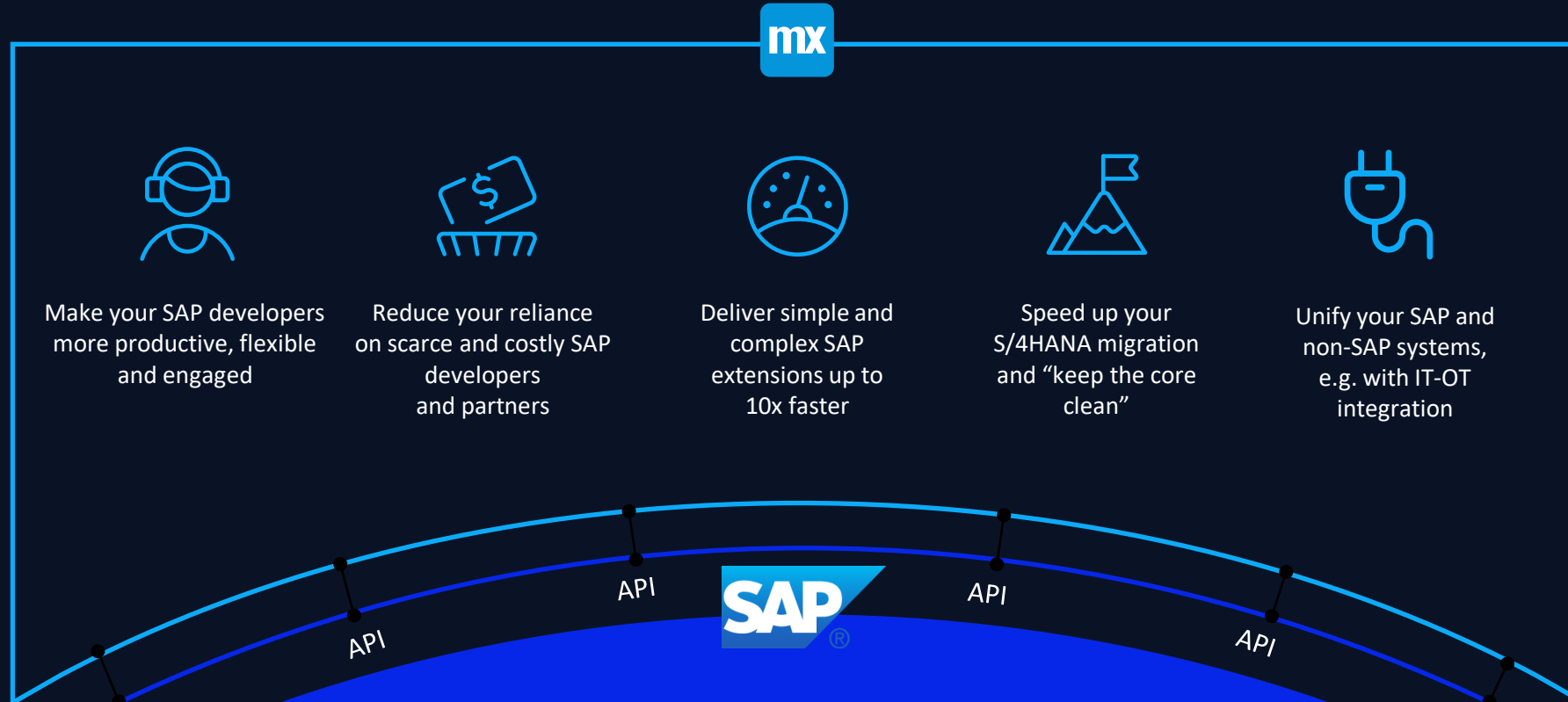
SAP Solutions



Run SAP even better with SAP Rapid Application Development by Mendix



Run SAP even better with SAP Rapid Application Development by Mendix



Make your SAP developers more productive, flexible and engaged

Reduce your reliance on scarce and costly SAP developers and partners

Deliver simple and complex SAP extensions up to 10x faster

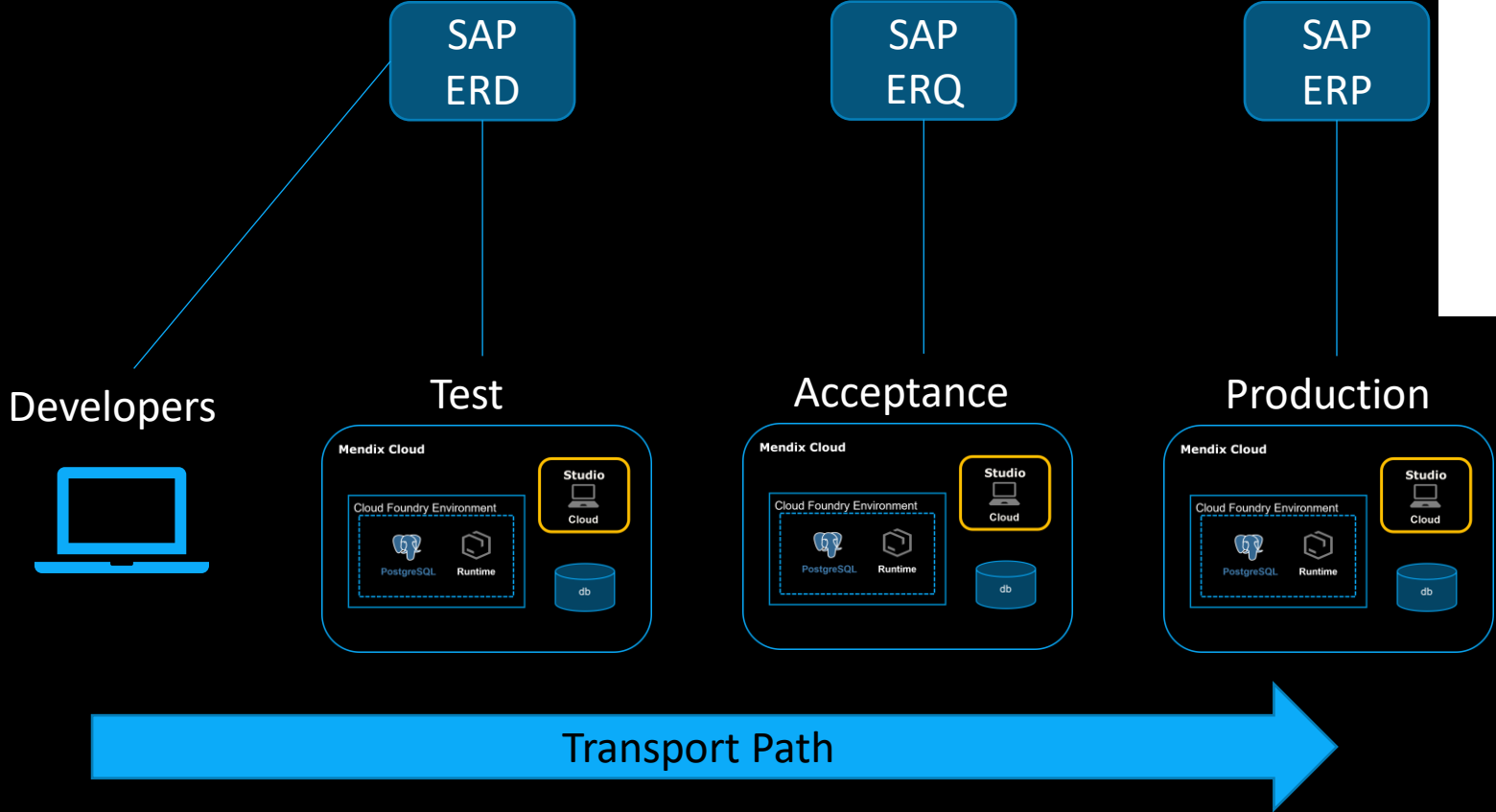
Speed up your S/4HANA migration and “keep the core clean”

Unify your SAP and non-SAP systems, e.g. with IT-OT integration

SAP Solutions



Mendix and SAP Landscape



COLLABORATE

- Project Buzz
- Stories
- Team
- Feedback
- Documents
- Team Server
- General Settings

DEPLOY

- Environments**
- Metrics
- Logs
- Backups
- Alerts
- Mobile App

Environments

Deploy Custom Domains Access Restriction Profiles Permissions

Deployment Package Repository

Create Package From Teamserver Upload Delete

Deployment Package	Version	Date	Uploaded By	Expiry date	
✓ Main line-0.0.1.45.mda	0.0.1.45	Mon, 11 Apr 2022	Mike McCane		Details Deploy
✓ Main line-0.0.1.43.mda	0.0.1.43	Wed, 02 Mar 2022	Mike McCane		Details Deploy
✓ Main line-0.0.1.41.mda	0.0.1.41	Wed, 09 Feb 2022	Mike McCane		Details Deploy

1 2 3

Environments

Test	Name: Main line-0.0.1.45.mda Version: 0.0.1.45 Runtime: 9.6.2.30227	Details Transport to Acceptance
Acceptance	Name: Main line-0.0.1.3.mda Version: 0.0.1.3 Runtime: 8.18.1.13528	Details Transport to Production
Production	Name: Main line-0.0.1.3.mda Version: 0.0.1.3 Runtime: 8.18.1.13528	Details

Use Cases

Production Order Processing - SAP

- Simplified and streamlined Production Order Confirmation processing for operators at manufacturing plants.
- Combines several complex production order confirmation steps into a single pane of glass for users, reducing complexity, entry time, and training time for new users.
- Modern design that shows only the most essential information and uses clear visual indicators to guide the user through data entry while highlighting problems during entry.
- Integration with SAP for all data across several transactions (Sales, Deliveries, Shipments, Production Orders, Purchase Orders, Batch Management, Master Data)
- Workflow for Supervisor Approval
- Navigation direct from Mendix to SAP via SlipStream

PO: 111960647 Released 10PC 1,063.200LB SHT 5052 H32.190 X 48 X 120 0.19in X 48in X 120in +10.00/-10.00% Max Skid: 5,000 LB

CXR: JULIA SJODIN Ship-To: SMS FABRICATION INC Del Date: 2/6/2022 Zone: USLOS1-CY1 Country (IE)

0010 PUL: PULL FEEDSTOCK - RELEASED

Employee: C001449 Actual Time: 0.250 Final (selected) Delivery: 803457664

Ordered PC: 10 Ordered Wt: 1,063.200
Issued PC: 10 Issued Wt: 1,063.2000
Received PC: 0 Received Wt: 1,063.2000
Balance PC: 10 Balance Wt: 0.0000

ORDER OUT OF BALANCE PC
OUT OF DELIVERY TOLERANCE
Request Approval

Input: 1 Batch: 0026565916 Pieces: 10 Material: 160002020 Weight: 1063.2000 Co. Of Melt/Origin: ZA /

Output: 1 FINISHED Location: Pieces: 1 Weight: 1,063.2000 Material: 160002020 Heat: 23/03/162H7

PO: 111960647 Released 10PC 1,063.200LB SHT 5052 H32.190 X 48 X 120 0.19in X 48in X 120in +10.00/-10.00% Max Skid: 5,000 LB

CXR: JULIA SJODIN Ship-To: SMS FABRICATION INC Del Date: 2/6/2022 Zone: USLOS1-CY1 Country (IE)

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Ordered PC: 10 Ordered Wt: 1,063.200
Issued PC: 10 Issued Wt: 1,063.2000
Received PC: 10 Received Wt: 1,063.2000
Balance PC: 0 Balance Wt: 0.0000

ORDER BALANCED PC
DELIVERY TOLERANCE - GOOD

MB1 425.28 LB MB2 637.92 LB

Input: 1 Batch: 0026565916 Pieces: 10 Material: 160002020 Weight: 1063.2000 Co. Of Melt/Origin: ZA /

Output:

Type	Location	Pieces	Weight	Material	Heat
1 FINISHED	11BE	2	212.6400	160002020	23/03/162H7
2 FINISHED	11BE	2	212.6400	160002020	23/03/162H7
3 FINISHED	11BE	2	212.6400	160002020	23/03/162H7
4 FINISHED	11BE	2	212.6400	160002020	23/03/162H7
5 FINISHED	11BE	2	212.6400	160002020	23/03/162H7

Sales Order Tracking and Visibility - SAP

- Sales tracking application providing Sales, Manufacturing, Supply Chain and Customer Service with full visibility in order processing
- Combines several SAP transactions into a single pane of glass for users, reducing complexity and increasing time to service
- Notifications and alerting to provide users with exception-based capability to resolve issues
- Ability to comment and notify users of issues
- Integration with SAP for all data across several transactions (Sales, Production Orders, Inventory, Purchases, Credit..)
- Navigation direct from Mendix to SAP via SlipStream

ORDERAWARE DASHBOARD

14757535 for Fiori Demo

Search Filter Options My Filters

Customer Order Item

Order (11) Availability (0) Credit Check (0) Fulfillment (3) Delivery (8) Invoice (0)

ORDER ITEMS STATUS	TYPE	CUSTOMER	ORDER	PROD ORDER	SALES REP	SOURCE - SHIPPING	CONFIRMED DATE	MATERIAL	QUANTITY
Delivery	General Line		14764085 - 20	111957766		1046 - 1046	2/10/2022 ATP Override 5/3/2021	100000517 - BEAM A992/A572 GR50 W4 X13.0 X 240	4.00 PC
Delivery	IPO		14764190 - 10	111957939		4089 - 1046	2/8/2022 ATP Override 5/13/2021	160009895 - SHT 304 2B 11GA X 48 X 96	10.00 PC
Delivery	General Line		14764190 - 20			1046 - 1046	ATP Override 5/13/2021	160003229 - RD CF 1045 TGP 1.25 X 240	4.00 PC
REJECTED									
Delivery	IPO		14766493 - 10	111962273		1007 - 1021	2/15/2022	160009895 - SHT 304 2B 11GA X 48 X 96	1.00 PC

ORDER: 14766572-10

ORDER: 14766572-10
CUSTOMER
SHIP-TO: 1C
SALES REP:
MATERIAL: 160009400 COIL 304 2B 11GA X 48

CONFIRMED DATE
3/2/2022
ATP OVERRIDE DATE
3/2/2022

OVERALL STATUS
ASSB/CREDIT BLOCK
TYPE
IPO

SALES OFFICE: 1007 SOURCE PLANT: 4058 SHIPPING PLANT: 1021 DEKALB TOTAL ORDER WEIGHT: 1,058.40 LB

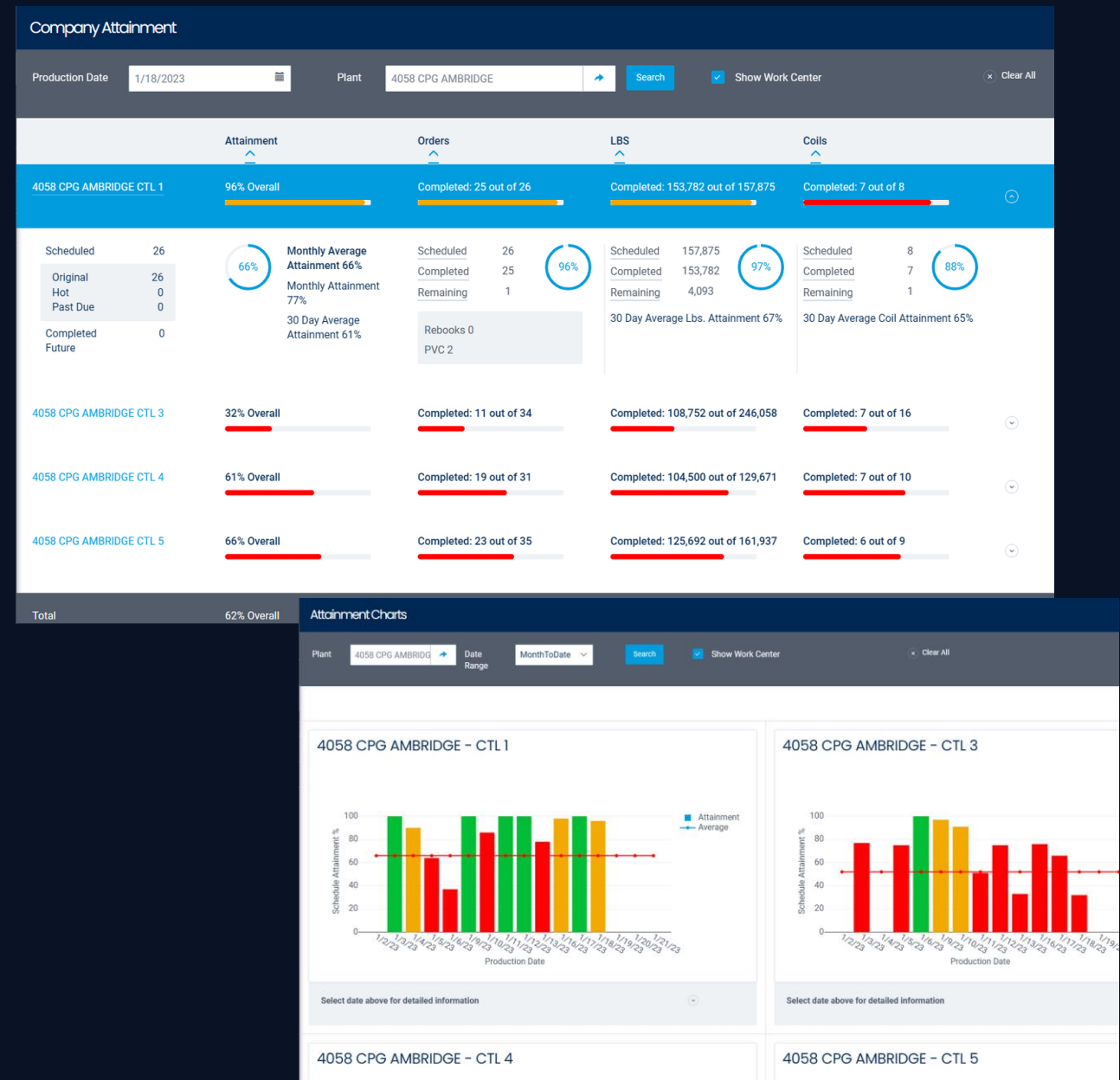
Order 2/15/2022 Availability 2/15/2022 Credit Check Fulfillment Delivery Invoice

FULFILLMENT PRODUCTION ORDERS (1)

NOT WORKED	111962458 PRODUCTION ORDER	160009400 MATERIAL	1,058.00 LB QUANTITY	0 MISSOUT COUNT	
OPERATIONS	4058 PUL: Pull Feedstock 0010 NOT WORKED START Planned: 2/24/2022 Actual: FINISH Planned: 2/24/2022 Actual:	4058 CT2: Setup 0020 NOT WORKED START Planned: 2/24/2022 Actual: FINISH Planned: 2/24/2022 Actual:	4058 CT2: Standard Cutting 0030 NOT WORKED START Planned: 2/24/2022 Actual: FINISH Planned: 2/24/2022 Actual:	4058 CT2: Packaging 0040 NOT WORKED START Planned: 2/24/2022 Actual: FINISH Planned: 2/24/2022 Actual:	4058 SCH: In Transit Schedule: T, T 0050 NOT WORKED START Planned: 2/24/2022 Actual: FINISH Planned: 2/24/2022 Actual:

Schedule Visibility - SAP

- Simplified and streamlined Production Order schedule visibility for Operators, Supervisors and Production Schedulers at manufacturing plants.
- Modern design that shows streamlined scheduling and manufacturing performance metrics
- Combines several SAP transactions into a single pain of glass for users, reducing complexity and increasing time to service
- Notifications and alerting to provide users with exception-based capability to resolve Scheduling issues
- Plant Operations Reporting to view scheduling conflicts/Order Issues



Configure, Price Quote - CPQ

- Replaced excel based quote process
- Standardized quoting process across the department for all product types
- Provided a common data structure for all quotes to allow for more accurate pricing
- Leveraged external pricing for market data
- Reduced the quote process from 2 weeks to 2 days

Carbon Quote Setup: 3 Part Setup
Jeld-Wen 2022-01-31

Weight UoM: LBS Length/Width: IN Currency: USD

Quote Header Part Upload **Part Setup** Product Specs Mills Processing Final Pricing Financial Summary

Validations (0) Base Price Mechanism: HEDGE May-22 Account Owner: McCane, Mike Sales Office

Jeld-Wen

+ Add Items Upload Select All Deselect All Delete Mass Update

Quote Items

Item	Cust. Part No.	Ship-To Location	Product Form	Product Type	Min/Nom	Thickness	Fin. Width	Length	Grade	Coating	Paint Code	RFQ Weight
90630	90630	Sulphur Spr	Coil	CR GALV	Minimum	0.0190	36.250	1,000	DDS	G30	PMW7887BW	4,200,000
91949	91949	Sulphur Spr	Coil	CR GALV	Minimum	0.0172	35.250	1,000	CSB	G30	PMW7887BW	1,300,000

Carbon Quote Setup: CoilSmart
Jeld-Wen 2022-01-31

Weight UoM: LBS Length/Width: IN Currency: USD

Master Coils

36.250 CR GALV DDS 0.0191 71.000 CR GALV CSB 0.0172

Jeld-Wen Sulphur Springs Jeld-Wen Sulphur Springs

Product Groupings

Part	Product Form	Finished Width	RFQ Quantity
90630	Coil	36.2500	4,200,000
91949	Coil	35.2500	1,300,000

Master Coil: 71.000 CR GALV CSB 0.0172

Location: Jeld-Wen Sulphur Springs Max Coil Weight: 16,000

Master Coil Weight Max: 42,000 Edge Drop: 0.50 Kerf: 0.00

Master Coil Detail

Part	Mults	Breaks	Finished Width	Finished Coil Weight	Finished Coils	Total Finished Weight	PIW
91949	2	2	35.2500	7,000	6	42,000	199

Total Finished Coils: 6 Width Used: 70.5000 Total Finished Coil: 41,704 Master Coil Width: 71.0000 Scrap Percentage: 0.007

Carbon Quote Setup: Transport Smart
Jeld-Wen 2022-01-31

Weight UoM: LBS Length/Width: IN Currency: USD

Supply Chain Scenarios

BRS Ocoosa, Nucor Armoral, Jeld-Wen Sulphur Springs Weight: 5,500,000 LBS Miles: 467 Freight: \$2,700.00 Freight: \$6.00 CWT

Sequence	Include in Pricing	From	To	Mileage	Mode of Transport	Freight (USD)	Freight Cost (CWT)
1	<input checked="" type="checkbox"/>			33	Flatbed Truck	200.00	\$0.44
2	<input checked="" type="checkbox"/>			434	Flatbed Truck	2,500.00	\$5.56

Map Satellite

QM Notification Application

- Customer service application to create Quality Notifications
- Integrated with SAP QM
- Delivery Search by Batch, Roll, Lane
- One step to create an SAP QM, Sales Return, Credit Order and outbound letter
- Attach documents, emails and pictures to link with SAP
- Simplifies the QM creation process to a single screen simplifying data entry and reducing errors

The screenshot displays the 'QM Notification' application interface. The main form is titled 'MX Notification: 41 Draft' and includes the following fields and options:

- Order Type:** Radio buttons for Credit, Return, and Neither.
- Defect:** A text input field with a search icon.
- Malfuction Date:** A date input field with a calendar icon.
- Customer Name:** A text input field.
- Customer Defect Description:** A text input field.
- Batch with leading zeroes:** A text input field.
- Roll/Carton:** A text input field.
- Roll Lane:** A text input field with a search icon.
- Complaint Quantity:** A text input field.
- Customer Complaint Number:** A text input field.
- Samples sent?:** Radio buttons for Yes and No.
- Can customer scrap at location?:** Radio buttons for Yes and No.
- Pictures attached?:** Radio buttons for Yes and No.
- Roll/Carton Number:** A text input field.

At the bottom of the form are buttons for 'Partners', 'Attachments', and 'QM Webform Comments', along with 'Save Draft', 'Submit', and 'Close' buttons.

On the right side, there is a 'SAP Notification' section with the following details:

- Ship To:
- Material:
- Reference Qty: 0.00
- Sales Order:
- Delivery:
- Billing Document:
- Sales Org:
- Distribution Channel:
- Division:
- Plant:

Below this is a 'Description:' field and a 'Notification Comments:' field containing the text 'No Roll/Carton'. At the bottom right, it shows 'Created By: McCane, Mike' and 'Created On: 3/3/2022, 1:21 PM'.

An 'Attachments' modal is open, showing a list of files:

Attachment Name	Created	Size	Action
Ancor PPT Template.pptx	3/3/2022, 2:48 PM	476294 MB	Delete
Ancor.msg	3/3/2022, 2:48 PM	156160 MB	Delete
Meat-Fish-Seafood-THUMBNAIL.jpg	3/3/2022, 4:06 PM	26491 MB	Delete

The modal also includes a 'Close' button at the bottom.

Enterprise Asset Maintenance

Maintenance Technician Cockpit

BATTLESHIP 2H



Search Work Order



Search Work Request



+ Work Request

+ Work Order

Refresh

Work Orders Inspections

2 ASSIGNED

⚡ 10 Light bulb is out [Edit](#)

Critical

📅 4/18/2023, 9:21 AM

🕒 1044.6 hrs

🔧 8 Blowout Preventer



Operable



Dan Jensen

⚡ 11 Lightbulb is out [Edit](#)

Critical

📅 4/20/2023, 11:18 AM

🕒 994.7 hrs

🔧 6 Mast



Operable



Dan Jensen

1 STARTED

⚡ 6 leaking water in lines [Edit](#)

Medium

📅 3/3/2023, 5:38 PM

🕒 1849.9 hrs

🔧 8 Blowout Preventer



Operable



Dan Jensen

0 COMPLETE

Feedback

Maintenance Supervisor Cockpit

BATTLESHIP 2H

machine is not working

Check the centrifuge

+ Work Request

+ Work Order

+ Inspection

Refresh

0
Equipment Alerts

Work Orders By Status Inspections

1 UNASSIGNED

⚡ 9 Mast Lightbulb Out [Edit](#)

Critical

📅 4/17/2023, 8:29 PM

🕒 0 hrs

🔧 6 Mast



Operable

Assign

4 ASSIGNED

⚡ 4 Check the centrifuge [Edit](#)

High

📅 3/3/2023, 4:52 PM

🕒 2120.1 hrs

🔧 9 Centrifuge



Operable



Mike McCane

⚡ 5 machine is not working [Edit](#)

High

📅 3/3/2023, 5:17 PM

🕒 2139.3 hrs

🔧 11 Drill Bit



Operable



Mike McCane

⚡ 10 Light bulb is out [Edit](#)

Critical

📅 4/18/2023, 9:21 AM

🕒 1044.7 hrs

🔧 8 Blowout Preventer



Operable

1 STARTED

⚡ 6 leaking water in lines [Edit](#)

Medium

📅 3/3/2023, 5:38 PM

🕒 1849.9 hrs

🔧 8 Blowout Preventer



Operable



Dan Jensen

0 COMPLETE

3 UNAPPROVED REQUESTS

23 Test [Edit](#)

Critical

🔧 8 Blowout Preventer



Operable

Requested Date: 4/11/2023

Requested By:



Joe Service

Approve

Reject

27 Exceeded temperature threshold of

82.00 F

Critical

🔧 8 Blowout Preventer



Operable

Requested Date: 4/15/2023

Requested By:



Mike McCane

Approve

Reject

31 Lightbulb [Edit](#)

Work Order: 11 Lightbulb is out**Assigned**

Progress: 2 of 3

67%

994.7 hrs

Open

Details Technician Time Work Procedures Timeline

Work Request: 29 Lightbulb is out**Critical****Equipment: 6 Mast**

Type: Mast

Operable

Assigned To

Dan Jensen



4/20/2023, 11:18 AM

Work Order Type:

 Unplanned

Start Time:

m/d/yyyy, h:mm AM/PM



End Time:

m/d/yyyy, h:mm AM/PM



Work Request Images

Work Request Notes

Complete Work Order**Open Time****▶ Start Time**

No items found

Comments**+ Comment****Equipment Hierarchy****Feedback**

Work Order: 11 Lightbulb is out

Assigned

Progress: 2 of 3

67%



994.7 hrs
Open

Details Technician Time Work Procedures Timeline

1 Safety PP&E

Description	Status	Completed Date
 All Safety and PPE available	Complete	4/20/2023, 11:29 AM

2 Replace Light Bulb

Description	Status	Completed Date
 Remove old lighbulb	Complete	5/9/2023, 12:59 PM
 Add New lightbulb	Not Started	

Complete Work Order

Open Time

▶ Start Time

No items found

Comments

+ Comment

Equipment Hierarchy



Equipment: 6 Mast
Type: Mast

Subequipment

> 2 Top Section
Type: Mast

> 3 Bottom Section
Type: Mast

> 4 Crown Block
Type: Mast


> 5 Traveling Block
Type: Mast

> 6 Reeved Drill Line
Type: Mast



Work Order: 11 Lightbulb is out

Details Technician Time Work Procedures Timeline

1 Safety PP&E

Description	Status
 All Safety and PPE available	Com

2 Replace Light Bulb

Description	Status
 Remove old lighbulb	Com
 Add New lightbulb	Not

Work Procedure

1 All Safety and PPE available



Safety & PPE

1.00 Hard Hat



Tools



Parts



Warning: Please make sure all Safety and PPE is available. Do not continue if not.

Yes No

Save

Complete

Close

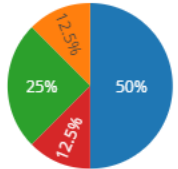
994.7 hrs
Open

▶ Start Time

+ Comment

Feedback

My Work Orders



■ Assigned
 ■ Started
 ■ Complete
 ■ Unassigned

6

Active Work Orders

1

Unassigned

4

Assigned

1

Started

0

Completed (last 30 days)

3

Work Order Requests

[Work Orders](#)
[Work Requests](#)
[Locations](#)

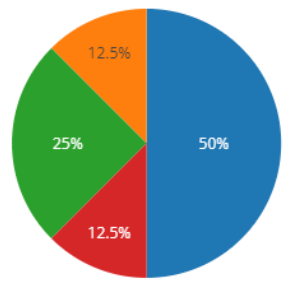
Number	Equipment	Type	Location	Description	Status	Start Date	End Date	Time to Repair
4	Centrifuge	Centrifuge	BATTLESHIP 2H	Check the centrifuge	Assigned			0
5	Drill Bit	Drill Bit	BATTLESHIP 2H	machine is not working	Assigned			0
6	Blowout Preventer	Blowout Preventer	BATTLESHIP 2H	leaking water in lines	Started	3/15/2023		0
7	Mast	Mast	BATTLESHIP 2H	Mast light bulb is out a...	Complete	3/6/2023	4/18/2023	61502.7662
8	Blowout Preventer	Blowout Preventer	BATTLESHIP 2H	Oil Indicator is Low	Complete	3/15/2023	3/16/2023	2734.0498
9	Mast	Mast	BATTLESHIP 2H	Mast Lightbulb Out	Unassigned			0

Last 7 Days

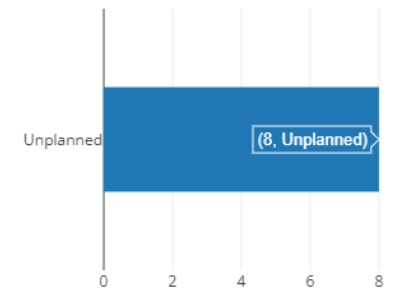
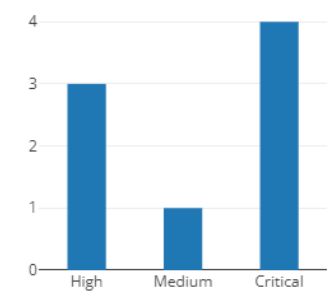
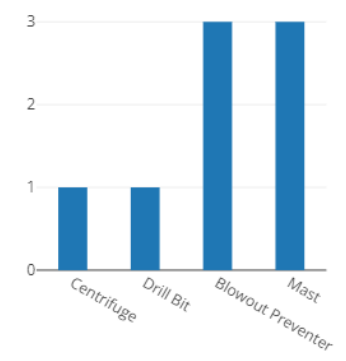
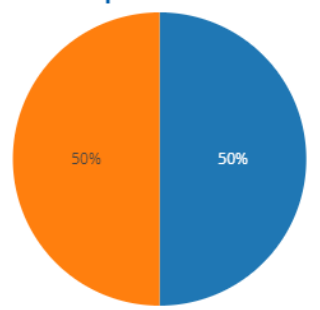
machine is not working

Check the centrifuge

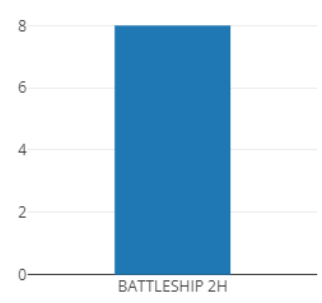
Work Orders

Work Orders by Status

■ Assigned ■ Started ■ Complete
■ Unassigned

Work Orders by Type**Work Orders by Priority****Work Orders by Equipment Type****Work Order Compliance**

■ Complete ■ Incomplete

Top 10 Work Order Locations

Work Order Procedure 1: Change the Oil - Blowout Preventer

Description

Change the Oil

Equipment type

Blowout Preventer

Deleted

Yes No

Procedure Groups [+ New](#)

- 1 Safety Checklist
- 2 Remove Outer Housing
- 3 Fill oil up to the fill level indicator
- 4 Remove Gasket
- 5 Add New Gasket
- 6 Replace Outer Housing

Order

4

Description

Remove Gasket

[+ New Item](#)

Procedure Items

	Description	Yes/No	Value (Number)	Date	Rating	Text
Edit	1 Using a flat head screwdriver scrap the gasket off of the flange	Yes	No	No	No	No
Edit	2 Dispose of old gasket in waste bin	Yes	No	No	No	No

Save

Cancel

Feedback

Work Order Procedure 1: Change the Oil - Blowout Preventer

Description

Change the Oil

Equipment type

Blowout Preventer

Deleted

Yes No

Procedure Groups [+ New](#)

- 1 Safety Checklist
- 2 Remove Outer Housing
- 3 Fill oil up to the fill level indicator
- 4 Remove Gasket
- 5 Add New Gasket
- 6 Replace Outer Housing

Order

4

Description

Remove Gasket

[+ New Item](#)

Procedure Items

	Description	Yes/No	Value (Number)	Date	Rating	Text
Edit	1 Using a flat head screwdriver scrap the gasket off of the flange	Yes	No	No	No	No
Edit	2 Dispose of old gasket in waste bin	Yes	No	No	No	No

Save

Cancel

Feedback

Equipment: 3 Blowout Preventer

Operable

Transfer

Images



Latest Sensor Readings

Charts

54.59

Humidity

6/1/2023, 10:06 AM ID: Bobine

75.91

Temperature

6/1/2023, 10:06 AM ID: Bobine

99.04

Pressure

6/1/2023, 10:06 AM ID: Bobine

Sensor alert View

Temperature Exceeded Threshold

Bobine Temperature
Sensor Data

82.54

Temperature

4/15/2023, 5:22 PM ID: Bobine

Arduino Temperature
Alert Setup

≥ 90.00

Acknowledged

Mike McCane

4/16/2023, 11:59 AM

+ Work Request

Alerts Details Sub equipment Sensors

Alert Date	Message	Acknowledged
4/15/2023, 5:22 PM	Temperature Exceeded Threshold	<input checked="" type="checkbox"/>
4/15/2023, 5:56 PM	Temperature Exceeded Threshold	<input type="checkbox"/>
4/15/2023, 6:16 PM	Temperature Exceeded Threshold	<input type="checkbox"/>
4/15/2023, 6:17 PM	Temperature Exceeded Threshold	<input type="checkbox"/>
4/15/2023, 7:14 PM	Temperature Exceeded Threshold	<input type="checkbox"/>

Feedback

Equipment: 3 Blowout Preventer

Operable

Latest Sensor Readings

54.34
Humidity

6/1/2023 10:07:16 ID: Bobine

75.74
Temperature

6/1/2023 10:08:07 ID: Bobine

99.05
Pressure

6/1/2023 10:07:46 ID: Bobine

Date from

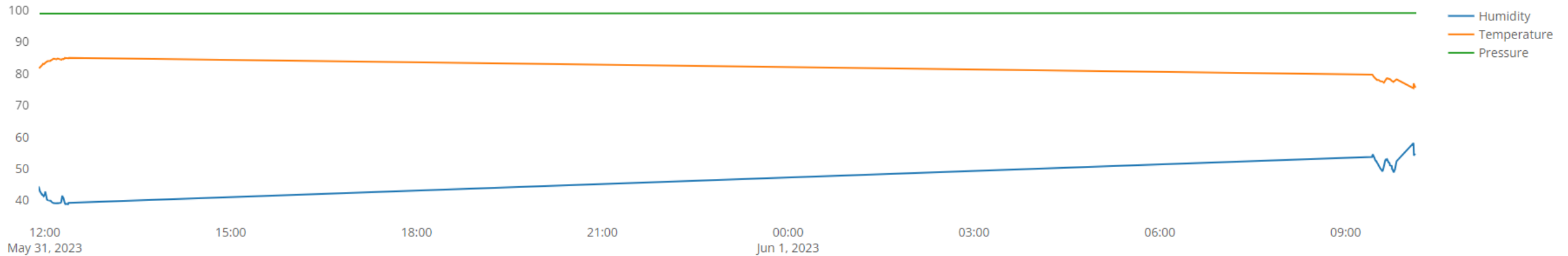
5/31/2023

Date to

6/2/2023

Refresh

Last Refresh: 6/01/2023 10:08:32




Feedback



Device: 1 HydroConnect

Device ID: e6df677e-82aa-458d-a0b7-49557cdadcea

Setup Status: Yes

Connection Status 

Properties

Humidity Created On: 5/11/2023, 7:25 PM Latest Update: 5/11/2023, 7:25 PM	READ_WRITE	ON_CHANGE ID: c037ad7e-e978-4d77-a5bd-4cee6fbd78f0	humidity	52.87 Last Value 6/1/2023, 10:09 AM
Pressure Created On: 5/13/2023, 3:31 PM Latest Update: 5/13/2023, 3:31 PM	READ_WRITE	ON_CHANGE ID: 8a76ec86-6551-4bf0-8ff7-a159283e60c6	pressure	99.04 Last Value 6/1/2023, 10:09 AM
Temperature Created On: 5/11/2023, 7:25 PM Latest Update: 5/11/2023, 7:25 PM	READ_WRITE	ON_CHANGE ID: 8da8787b-2645-4a23-af5c-16e534cc9575	temperature	75.94 Last Value 6/1/2023, 10:08 AM



Feedback

11:59 67%

My Work Orders

Work Orders 2 Assigned Work Orders | Inspections 1 Started Work Orders

Status:

- 6 leaking water in lines**
Blowout Preventer - Blowout Preventer
3/3/2023, 5:38 PM
0
Started
- 8 Oil Indicator is Low**
Blowout Preventer - Blowout Preventer
3/16/2023, 11:48 AM
2734
Complete
- 10 Light bulb is out**
Blowout Preventer - Blowout Preventer
4/18/2023, 9:21 AM
0
Assigned
- 11 Lightbulb is out**
Mast - Mast
4/20/2023, 11:18 AM

Home

12:40 66%

Work Order 11

11 Lightbulb is out
Mast - Mast
4/20/2023, 11:18 AM
0 min
Assigned
Progress: 1/3
Operable

1 Safety PP&E
1 All Safety and PPE available
Complete
4/20/2023, 11:29 AM

2 Replace Light Bulb
1 Remove old lighbulb
Not Sta
Complete

2 Add New lightbulb
Not Started
Complete

Home



10:34 100%

Equipment Work Orders

Blowout Preventer - Blowout Preventer
Operable

Work Orders | Sensors | Alerts

Temperature
76.85
6/1/2023, 10:32 AM
Connection Status

Humidity
51.71
6/1/2023, 10:32 AM
Connection Status

Thank you!



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Mike McCane: mike.mccane@rapidappwerks.com



SAP Rapid Application Development (SAP RAD) by Mendix



[Watch the video \(2m\)](#)

