



Mendix

Low code
for the Enterprise

Titan Consulting / Rapid App Werks



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





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





Established in 2019, Application development specialists with a focus on innovation with speed using Mendix. Our leadership team is comprised of former IT executives with over 60 years of SAP ERP and application development experience.



Digital Modernization



Full-Service IT Development and Support



Scalable Architecture



Cloud Native Architecture



Training and Enablement



Native App Development




Automation



Innovation

Our Partners

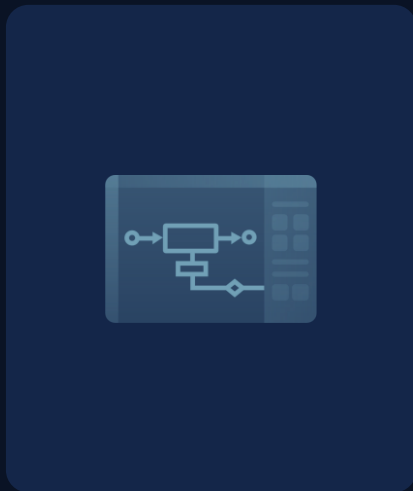




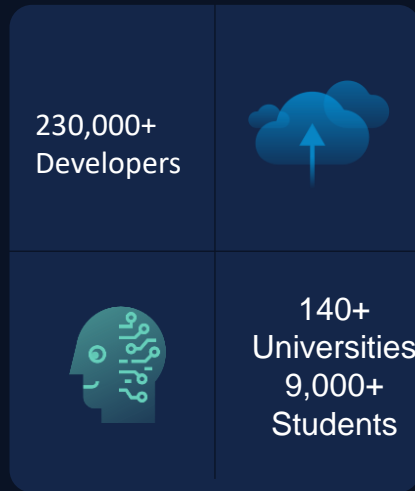
The pace of change has never
been this fast, yet it will never
again be this slow

The way we do business has fundamentally changed and so
must application development

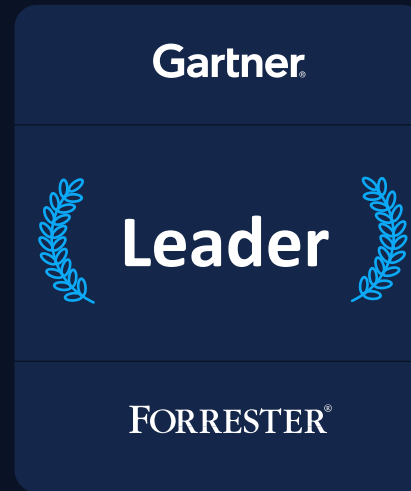
Mendix is the leading low-code platform for enterprise to create, integrate, deploy, manage and iterate modern business applications at scale.



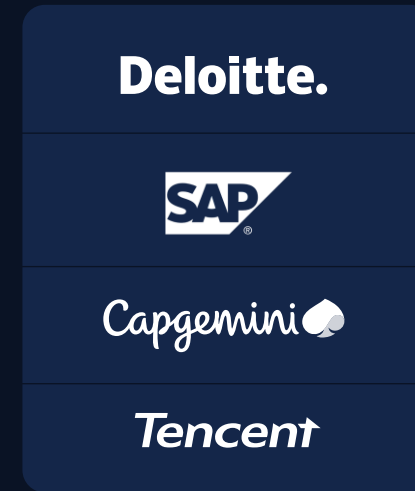
Visual modeling of logic, data, and UX



Large, established ecosystem of Mendix developers



Recognized Leader by analysts




200+ Strategic Partnerships





Strengthened by Siemens


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



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



The Mendix way



CITIZEN
DEVELOPER



BUSINESS
ANALYST



BUSINESS
ENGINEER

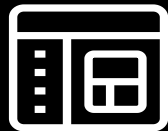


PROFESSIONAL
DEVELOPER

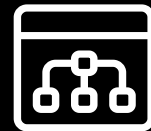
**Business
Agility**



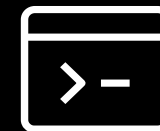
**IT
Control**



No code



Low-code



Code

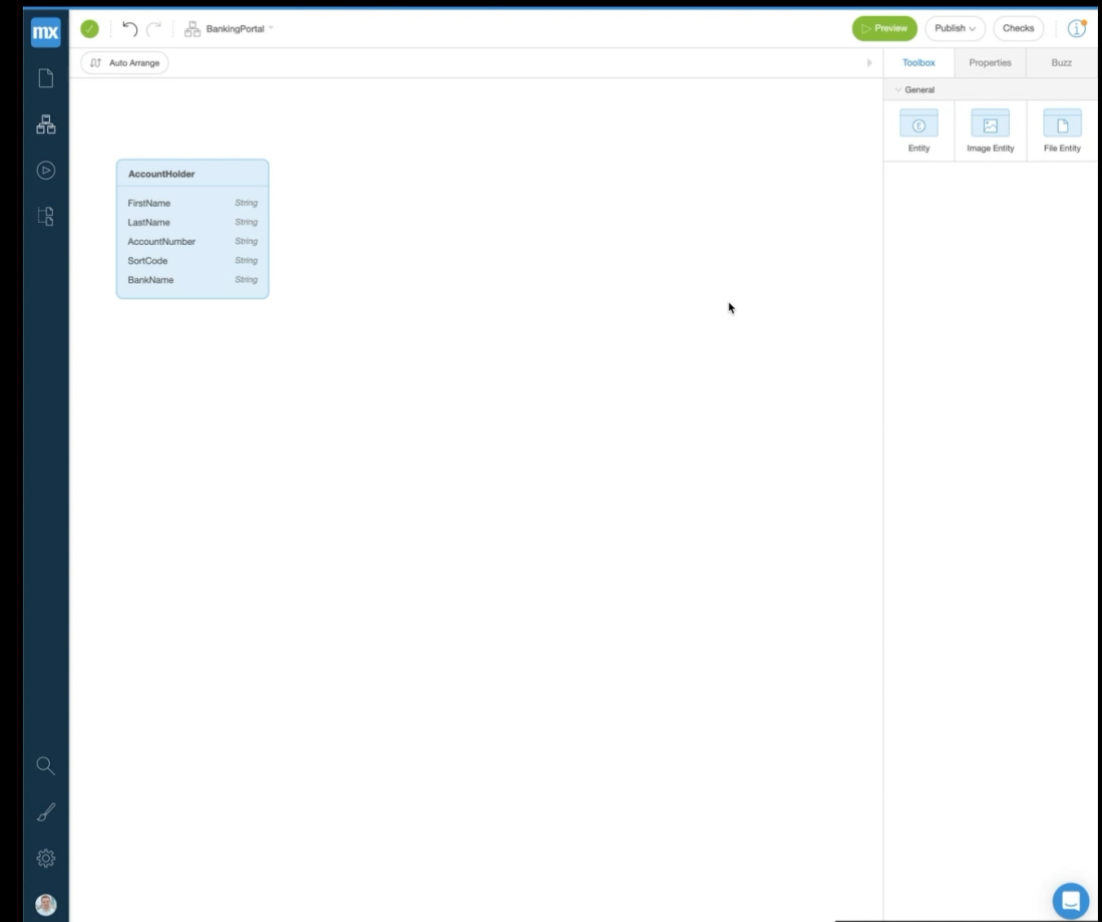


Low / No Code Development



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 re-architecting
- 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



IAAPPS – Mendix Demo

Use Cases

Mobile Insights Customer Portal - SAP

- Simplified and streamlined asset management program
- Retrieves contract and asset data from SAP and links them to additional software to provide detailed information for assets
- Updated UI and design allows for a simple and easy user experience
- Straight connection between SAP and Mendix allows for quick and efficient API call and response

The screenshot displays the 'Estate Status Overview' and 'Alerts Overview' sections. The 'Estate Status Overview' shows counts for Good (0), Warning (0), and Problem (0) devices. The 'Alerts Overview' shows 'No items found'. Below these is a 'Devices' section with a table listing device details.

Serial Number	Nickname	Groups	Manufacturer	Model	Last Seen	Status	Company	View More Details
1630452250607							APC Part 1	View
16304522506150							APC Part 1	View
16304522506164		1001	Zebra Technologies	TC75s	12/12/2022	✖	APC Part 1	View
16306522506326							APC Part 1	View
16308522509298		1001	Zebra Technologies	TC75s	1/18/2023	✔	APC Part 1	View
16308522509304		1001	Zebra Technologies	TC75s	11/28/2022	✖	APC Part 1	View
16308522509308		1001	Zebra Technologies	TC75s	1/18/2023	⚠	APC Part 1	View
16308522509325		1001	Zebra Technologies	TC75s	2/3/2023	✔	APC Part 1	View
16308522509352							APC Part 1	View

The screenshot shows the detailed view for a 'Honeywell CT60' device. It includes sections for Device Information, Device Alerts, Battery Information, SIM Information, and Storage.

Device Information - as of 28/09/2023, 13:19
Serial Number - 2026D874D
Manufacturer - Honeywell
Model - CT60
IMEI -
MAC - 0C:23:69:2D:07:A0
Operating System - android 9
Firmware Version - 88.00.08-01111
Client Version - 61000

Device Alerts
No items found

Battery Information - as of 28/09/2023, 00:31
Serial Number - TWMM2020704359
Capacity - 92%
Battery Cycles - 359
Manufacture Date -

SIM Information
Serial Number -
Operator Name -
Operator Code -

Storage
Available - 16.73 GB
Used - 2.48 GB
Total Space - 19.21 GB

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	4058 CT2: Setup	4058 CT2: Standard Cutting	4058 CT2: Packaging	4058 SCH: In Transit Schedule: T, T
0010 NOT WORKED	0020 NOT WORKED	0030 NOT WORKED	0040 NOT WORKED	0050 NOT WORKED
START Planned: 2/24/2022 Actual:	START Planned: 2/24/2022 Actual:	START Planned: 2/24/2022 Actual:	START Planned: 2/24/2022 Actual:	START Planned: 2/24/2022 Actual:
FINISH Planned: 2/24/2022 Actual:	FINISH Planned: 2/24/2022 Actual:	FINISH Planned: 2/24/2022 Actual:	FINISH Planned: 2/24/2022 Actual:	FINISH Planned: 2/24/2022 Actual:

QUESTIONS?



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Thank you!



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