SIEMENS

Break down barriers

How low-code development empowers your innovation

With emerging technologies and changing landscapes putting increased pressure on organizations, digital transformation is mission critical.

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To successfully do so, companies must empower their teams to operate efficiently by providing the right tools and resources — breaking down collaborative barriers.

How?

IT needs to develop solutions that provide accessibility to the right data at the right time and meet the needs of engineers and manufacturers.

Moving away from the traditional software development approach, IT needs to work with domain experts — involving them in the development process.

Product

Production

Performance

A lack of accessibility to data and legacy manual processes impact innovation. Siloed functions result in a lack of transparency and collaboration across key teams.

Why traditional development doesn't work



Adopt new ways to develop applications



among people, data and tools



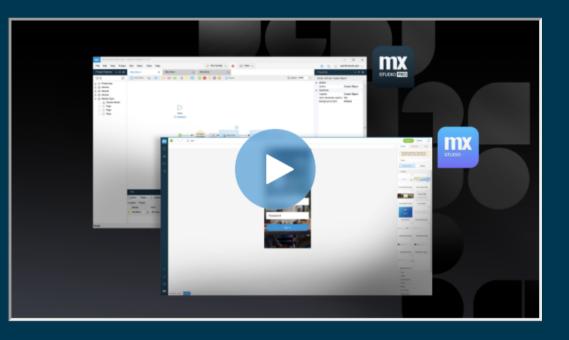
Use a flexible, open ecosystem to access the right data across the organization

Low-code application development can help you connect your silos so your company can accelerate innovation.



What is low-code development?

Low-code is a visual development approach to software development. It allows developers of diverse experience levels to build multi-experience applications (such as web, mobile, augmented or virtual reality) using drag-and-drop components and model-driven logic through a graphic user interface.



Learn more about low-code development.

STEVEN: IT Developer

GOALS

- Meet needs for new applications
- **Develop** innovative solutions that support the business
- Meet cost pressure

CHALLENGES

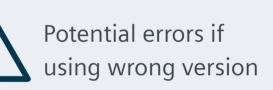
- Has a massive backlog and can't address new requests quickly.
- Needs to collect and meet all business requirements.



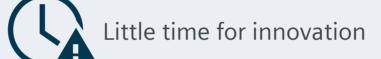
Functionality



- Communicates with others through a requirements document.
- - Lots of time waiting for latest version



Must finish other work before focusing on business problems.



WITH LOW-CODE



Steven has extra support in his work.

- He works with a broader team outside of software development to build solutions.
- He has more time to focus on innovative projects that support the business.



He can build applications faster.

- He leverages drag-and-drop and reusable capabilities.
- He doesn't have to write code if he doesn't need to.



He has easier communication with users and teams.

- The feedback loop is more instant.
- Everyone has access to the same version of applications.

MICHELLE: Engineer

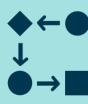
GOALS

- Ensure products are at the high level of quality customers demand
- Increase speed, efficiency in product design, production and performance

CHALLENGES

- Data is siloed from team to team or locked in legacy systems
- Needs new capabilities faster in order to keep up with growing complexity of technology

WITH LOW-CODE



Michelle extends her toolbox.

- Get solutions that solve her unique business problems faster.
- Integrate solutions with all her systems, giving her full flexibility and adaptability.
- Reach designers, manufacturers, supply chain and customers with a single solution.



Michelle connects her complex landscape.

- Access siloed sources of information.
- Bridge the physical and digital worlds of the product, shop floor or production line.



Michelle increases efficiency across the teams.

- Free up time to innovate by automating redundant, manual tasks.
- Improve design, production or performance with real-time insights.

What will you achieve?

As your organization leverages these low-code capabilities, you'll break down the barriers holding back your innovation.

Collaboration



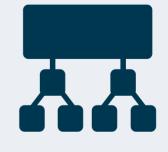
IT will reduce its backlog.

- More bandwidth to solve business challenges
- More time to innovate
- More focus on projects to drive the business forward



Domain experts will help build solutions and don't need to learn new programming languages.

- Engineering
- Manufacturing
- Quality



Solutions will easily include information from across the whole organization.

- Greater efficiency
- New visibility unlocked
- Faster delivery

Optimize inventory inspections

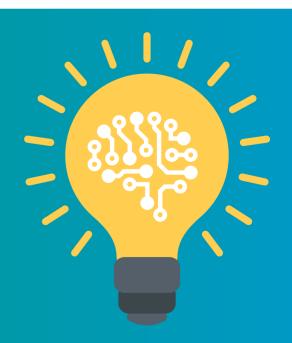
As a result... Collaboration between IT and

domain experts is easier, and you can finally remove the silos blocking your innovation.

Solu	Solutions have the right data	
You	Your organization can quickly	
✻	Address maintenance issues	
	Enable supplier collaboration	
	Confirm quality assurance	
	Optimize inventory inspectio	

Take the first step in reimagining innovation.

To build the best applications, you need collaboration that goes beyond working with other parts of your organization.



Low-code application development helps you leverage everything you need:



People and their skill sets

Integrate into, with and

through your existing

products.







Technology

So you can achieve:

Integration

Flexibility

Tap into an open ecosystem so teams, partners and supply chain can work together.

Adaptability

Personalize the experiences people need.

Watch our on-demand webinar to learn more about how low-code development can support your organization's digitalization journey.



Ready to give low-code development a try? Sign up to get a live demo from a low-code expert.

SIGN UP