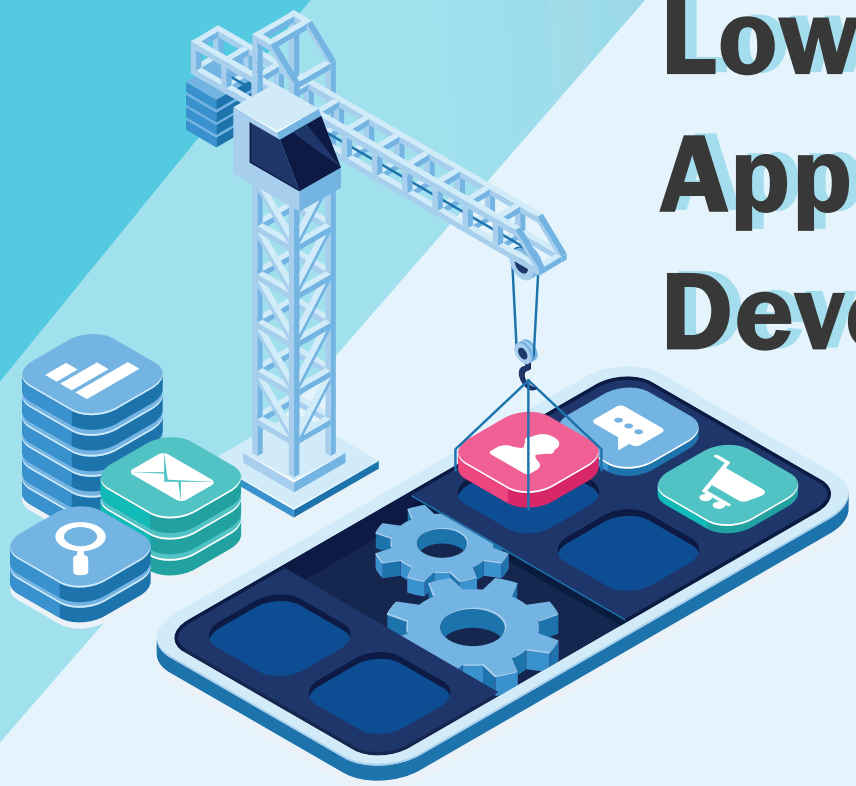
BROCHURE

XTGLOBAL™

Low-Code Application Development



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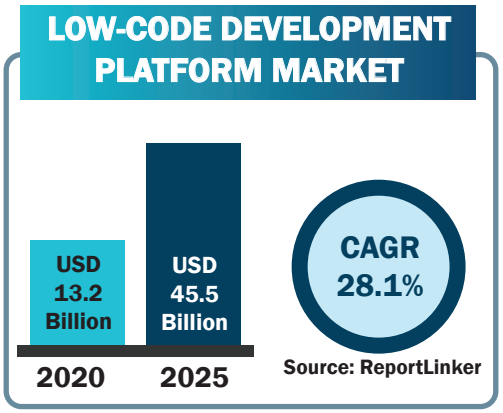
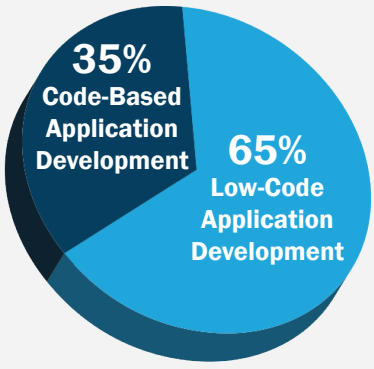
Businesses today are facing a number of challenges while adapting to changing business conditions and customer needs. Working in silos is no longer an option as organizations must involve cross-functional teams in critical decision and making through improved collaboration. Building sustainable solutions quickly and securely while implementing continuous improvements to end-user experiences across multiple platforms is the need of the hour. Low-code platforms have emerged to be the perfect solution because they can fulfil any kind of need - from driving the broader application delivery goals to creating specialized solutions for specific business functionalities.





Source: 2024 Estimates by Gartner

What is Low-Code Platform and What Makes it So Appealing?

Low-code application development platforms provide a suite of tools and functionalities such as visual drag-and-drop interfaces, integrations, workflows, and business logic in place of thousands of lines of complex code. With intuitive low-code interfaces, businesses can use their existing systems and data much more efficiently by creating internal as well as customer-facing applications as and when required to improve accessibility, usability, scalability, and security.

The best and the most obvious reason why low-code application development platforms are gaining popularity is because of the speed of development. While traditional development platforms take about 6 months to a year to develop one application, the same application can be created in just a few weeks and with far fewer resources and budgets.

Applications built using less code are easier to download and run. This makes them appealing for world-wide release, even in areas where internet access is limited. Besides, the low cost of application development allows companies to release them at a very low cost or even for free. Low code cuts down on the level of testing drastically because the APIs that they tap into have already been tested. It also allows for greater number of iterations at a faster rate. Low-code development is applicable for any kind of requirements, from common document processing to complex, customized processes.

How Do Low-Code Platforms Address Challenges of the Modern Businesses?

- Low-code platforms enable faster legacy modernization and digital transformation at enterprise level.
- They solve the challenges of IT teams that have several new requests in the pipeline but too few resources to take them up.
- Unlike traditional development platforms, low-code development process considers the needs of the evolving enterprise - most development plans are made with a long-term vision, but they do not often consider short-term changes in priorities and expectations.
- Low-code fosters innovation and experimental approaches that are not cost-prohibitive or time-taking.
- Low-code application development enables creating highly tailored mobile solutions to support high levels of interaction and multi - experience with customers at every touchpoint, including high-end technologies like Augmented Reality (AR) and wearable devices.

SUITABLE FOR

- Citizen Developers
- End Users
- IT Leaders
- Enterprise Architects

Low-Code Application Development Benefits

These are some of the reasons why companies are increasingly adopting low-code application development:

1. To Accelerate Digital Transformation
2. To Create Sophisticated Applications
3. To Improve Responsiveness to Business Needs
4. To Lower Technical Debt
5. To Support Product/Service Innovation
6. To Improve Developer-Centric Metrics
7. To Reduce Challenges in Traditional Coding
8. To Enable Multi Channel & Frictionless Experience for Customers

The Future of Low-Code

Low-code doesn't replace traditional coding-based platforms nor does it aim to solve all problems. The focus of low-code is to enable application of advanced principles like Automation, Artificial Intelligence, NLP, and Machine Learning in customer-centric and user applications. The future of low-code is based on three focus areas:

Abstraction – To create powerful systems for managing and controlling complexity Eg. Visual modeling approach

Automation – Process Improvement, Process Optimization, Integration

Cognitive Tools – Low-code integrates with AI, NLP and other cognitive tools as a capability for augmenting the developer.

XTGlobal and Mendix Low-Code Application Development

XTGlobal uses Mendix low-code application development platform to create customized applications and functionality extensions. With Mendix's integrated tools and services, we can accelerate the application lifecycle right from ideation and development through deployment and operation.

Why Mendix:

- Collaborative Visual Development
- Multi-Channel User Experience
- Microservice Architecture
- Scrum-based Development Approach
- Anywhere Deployment (Cloud or On-Premise)
- Easy Integration of APIs and SDKs for Extensibility

Gartner predicts that by 2024, 75% of large enterprises will be using at least four low-code development tools for both IT application development and citizen development initiatives. Read our Infographic on why low-code application development could be your best bet and to know more about the future of low-code application development.

To know how XTGlobal and Mendix will give your ERPs and applications enhanced capabilities at a faster rate and lower cost, visit our RAD with Mendix page on XTGlobal website.

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