

Low-code Development Platform - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Low-code Development Platform Market size is estimated at USD 21.17 billion in 2025, and is expected to reach USD 81.35 billion by 2030, at a CAGR of 30.9% during the forecast period (2025-2030).

Businesses are increasingly embracing low-code solutions as they pivot toward digital modernization. This shift aims to enhance user experiences, streamline processes, and fortify essential systems. The appeal of low-code platforms lies in their cost-effectiveness. The advantage of low code is its drag-and-drop interface, which saves time. In low code, every single process is shown visually with the help of a graphical interface that makes everything easier to understand. It is easier for developers to create their applications.

Low-code solutions empower organizations to create functional solutions and integrations swiftly, outpacing the pace and flexibility of traditional on-premise developments. Previously, integration demanded laborious IT efforts, necessitating custom development on both ends. As more organizations adopt a "buy versus build" approach to software development, they turn to self-service and other solutions with unique functionality to increase speed and efficiency. In addition, the vendor-developed components of low-code tools also offer a better user experience.

Artificial intelligence (AI) is seeing broad adoption in global industries. However, hurdles like talent shortages and high implementation costs hinder its full integration. To address this, low-code AI is rising as a pivotal concept, especially in application and software development. Given its versatility and advantages, many enterprises are channeling investments into this platform.

By harnessing low-code AI, enterprises gain numerous benefits, such as bolstered data analytics, streamlined user experiences, cost savings, and faster development cycles. This heightened utility is fueling a surge in the adoption of low-code AI, poised to

propel market growth. For instance, in October 2023, Rasa unveiled a conversational platform deeply rooted in generative AI. This move simplified the AI assistant creation process and prioritized user-friendliness due to its intuitive user interface.

Companies in diverse industries increasingly embrace low-code development platforms to accelerate their software development timelines. For instance, Siemens utilizes Mendix, a significant low-code platform, for developing industrial IoT applications. Also, in January 2024, Oracle announced that the low-code platform continues to enhance its capabilities. The recent Oracle APEX versions 23.1 and 22.1 introduced many potent and practical features.

Furthermore, businesses increasingly turn to low-code solutions to accelerate project development at a reduced cost. Additionally, given their constraints in resources and funds, small and medium-sized enterprises are increasingly gravitating toward instant application development platforms.

For instance, in August 2023, Workato, in collaboration with IMDA and tech partners SGTech, HReasily, and Stone Forest, joined forces to assist 1,500 SMEs in Singapore. Their goal is to streamline and automate workflows. Leveraging Workato's no-code, low-code platform, these SMEs were poised to realize their digital capabilities fully.

Moreover, rising costs due to inflation can lead to increased prices for low-code platform subscriptions and associated services, making them less attractive to cost-conscious organizations. Also, macroeconomic factors affecting global supply chains can lead to delays in hardware procurement and deployment, which can, in turn, slow down the adoption of low-code platforms.

Low-code Development Platform Market Trends

The Information Technology Segment to Witness Significant Growth

- The need for faster software development cycles to keep up with business demands is pushing IT departments to adopt low-code platforms, significantly speeding up application development and deployment. According to Mendix, low-code usage has grown consistently over the past few years. In 2023, about 50% of global coding was done using low code, while in 2024, it is expected to overtake conventional coding to reach 55%.

- Low-code platforms enable IT teams to develop more applications in less time, improving overall productivity and allowing them to focus on more complex tasks that require their expertise. Many organizations use low-code platforms to modernize legacy systems, integrating them with new technologies and extending their functionality without extensive re-coding.

- In June 2023, NTT DATA, a significant player in digital business and IT services, was recognized as a leader by Everest Group in its 2023 report on Low-Code Application Development Services for OutSystems PEAK Matrix Assessment. The assessment analyzed 15 service providers and focused on their strategies, capabilities, vision, and market presence in delivering services on the OutSystems low-code platform.

- IT enterprises played a key role in dominating the low-code development platform market. This is because the firms operating in this vertical need to develop many applications, either for mobile or online (or both), for themselves and their clients. Further, the benefits of low-code development platforms enabled apps to be created, shared, and updated quickly, leading to improved productivity and optimized resource utilization.

- A recent study by Caspio revealed that 63% of low-code platform users possess the necessary skills and resources to meet the demand for custom apps. Additionally, 61% of these users reported successful delivery of custom apps, meeting both deadlines and budget constraints. Moreover, 58% of respondents using low-code platforms expressed confidence in meeting their business's custom app demands.

Asia-Pacific is Expected to Hold the Largest Market Share

- Many countries in Asia-Pacific are undergoing significant digital transformation across various industries, such as finance, healthcare, and retail. Low-code platforms help accelerate this process by enabling faster and more efficient application development. According to IBEF, India has become the world's second-fastest-growing digital economy. The country's digital revolution is expected to be a USD 1 trillion opportunity.

- The increasing adoption of cloud computing in the region supports the growth of low-code platforms, many of which are cloud-native. Cloud-based low-code platforms offer scalability, flexibility, and lower infrastructure costs. The Indian public cloud services (PCS) market is anticipated to reach USD 13.5 billion, registering a compound annual growth rate of 24% between 2021 and 2026. Further, it may propel the growth of the market studied.

- The region is anticipated to grow significantly over the forecast period, owing to the increasing adoption of mobile applications. Asia-Pacific includes many SMEs with limited resources, forcing them to adopt managed services. The governments in the region also adopted a mobile-first strategy to provide better services to their citizens, thereby driving the market.

- Huawei Global Technical Service unveiled its General Digital Engine (GDE) platform, structured around the "1+4+N" model. Here, "1" signifies an open cloud-native platform, while "4" highlights its four key capabilities, i.e., data sharing, intelligent production flow, capability sharing, and integrated low-code self-development. The GDE integrates digital and smart technologies across carriers' processes, from planning and construction to maintenance and optimization. This integration empowers carriers to evolve into digital entities and collaborative partners, fostering innovation across "N" application scenarios.

- Furthermore, in November 2023, OutSystems Japan Co. Ltd rolled out its OutSystems Developer Cloud, a low-code solution tailored for cloud-native application development in Japan. OutSystems Developer Cloud is designed to offer a high-performance, secure, and low-code application platform catering to both developers and enterprises. Its versatility shines as it supports secure deployment in large-scale applications and facilitates end-to-end development from front to back.

- Many digital initiatives and developments, including low-code platforms, are occurring in the region. For instance, in December 2023, the low-code/no-code enterprise platform Kissflow announced a partnership with PointStar Malaysia, a significant cloud transformation firm in Southeast Asia. This strategic collaboration intends to broaden Kissflow's already thriving global partner network. It is expected to offer a modern low-code work platform to aid businesses in digitally transforming their operations.

Low-code Development Platform Industry Overview

The low-code development platform market is moderately fragmented, with the presence of many players, significant governance challenges globally, and smaller vendors cumulatively holding a substantial market share. The market vendors with deep pockets are actively involved in strategic M&A activities, while small companies are involved in product innovation strategies to gain market share.

- July 2024: Infragistics, a significant global provider of tools and solutions to accelerate design and development, announced an array of new features in <code>[App Builder,[]</code> the essential cloud-based WYSIWYG drag-and-drop low-code tool that enables all skill levels, from professional and novice developers to business stakeholders and decision-makers, to create modern business web applications guickly.

- March 2024: Amadori, an Italian agribusiness company, turned to Appian to spearhead its digital business transformation. By harnessing the Appian Platform, Amadori has constructed a technology infrastructure that is faster, more flexible, and future-ready. Over nearly a decade of collaboration, Amadori has effectively revamped and modernized several business operations, capitalizing on Appian's advanced automation and data fabric features.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

- **1 INTRODUCTION**
- 1.1 Study Assumptions and Market Definition
- 1.2 Scope of the Study

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

4 MARKET INSIGHTS

- 4.1 Market Overview
- 4.2 Industry Attractiveness Porter's Five Forces Analysis
- 4.2.1 Bargaining Power of Suppliers
- 4.2.2 Bargaining Power of Consumers
- 4.2.3 Threat of New Entrants
- 4.2.4 Threat of Substitute Products
- 4.2.5 Intensity of Competitive Rivalry
- 4.3 Impact of Key Macroeconomic Trends on the Market

5 MARKET DYNAMICS

- 5.1 Market Drivers
- 5.1.1 Increasing Need for Rapid Customization and Scalability
- 5.1.2 Increasing Enterprise Mobility
- 5.1.3 Elimination of Gaps in Required IT Skills
- 5.2 Market Challenges
- 5.2.1 Dependency on Vendor-supplied Customization

6 EMERGING TECHNOLOGY TRENDS

7 MARKET SEGMENTATION

- 7.1 By Application Type
 7.1.1 Web-based
 7.1.2 Mobile-based
 7.1.3 Desktop- and Server-based
 7.2 By Deployment Type
 7.2.1 On-premise
 7.2.2 Cloud
 7.3 By Organization Size
 7.3.1 Small and Medium Enterprises
 7.3.2 Large Enterprises
 7.4 By End-user Vertical
 7.4.1 BFSI
- 7.4.2 Retail and E-commerce

- 7.4.3 Government and Defense7.4.4 Information Technology7.4.5 Energy and Utilities
- 7.4.6 Manufacturing
- 7.4.7 Healthcare
- 7.4.8 Other End-user Verticals
- 7.5 By Geography
- 7.5.1 North America
- 7.5.2 Europe
- 7.5.3 Asia-Pacific
- 7.5.4 Latin America
- 7.5.5 Middle East and Africa

8 COMPETITIVE LANDSCAPE

- 8.1 Company Profiles*
 8.1.1 Microsoft Corporation
 8.1.2 Appian Corporation
 8.1.3 Oracle Corporation
 8.1.4 Pegasystems Inc.
 8.1.5 Magic Software Enterprises Ltd
 8.1.6 AgilePoint Inc.
 8.1.7 Outsystems Inc.
 8.1.8 Mendix Inc.
 8.1.9 ZOHO Corporation
 8.1.10 QuickBase Inc.
 8.1.11 Clear Software LLC
 8.1.12 Kony Inc. 8.14 ServiceNow Inc.
- 8.1.13 Skuid Inc.

9 VENDOR MARKET POSITIONING ANALYSIS

10 INVESTMENT ANALYSIS

11 FUTURE OF THE MARKET



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