CITIZEN DEVELOPERS DRIVING LOW-CODE, NO-CODE PLATFORMS

Technology is growing at such a fast pace that the demand for developers and skilled personnel in IT is growing exponentially, and organizations are struggling to fill this gap.

Low-code or no-code application platforms solve this problem, providing an intuitive visual interface and pre-built components and templates to streamline the development process and reduce the need for technical skills.

Rise of the Citizen Developer

By 2024, Gartner predicts that low-code development will account for more than 65 % of application development activities.

▶▶ These platforms have progressed from just facilitating function-specific tools to a new type of business employee. Those who truly own their automation, building new software apps with low or zero coding.

▶▶ Citizen developers have unlocked opportunities for businesses, boosting productivity while reducing costs.

▶▶ These development tools and platforms address technologies' most complicated challenges including the critical need to digitize workflows, enhance customer and employee experiences, and reduce development cycles.

Key Focus Areas

Security	Important to follow important cybersecurity best practices including training personnel, practicing compartmentalization, and limited access to prevent security lapses.
Hiring and Training	Organizational level change in mindset while hiring and training no/low code developers. Framework must be put in place.
Aligning the Organization	Democratize the creation of new software apps to lessen the burden on IT resources. Departments must work and communicate freely across functions, making it easy to pass information and standardize processes within the organization.
Integrating Hyperautomation	Gartner's " top Strategic Technology Trends for 2022" report indicated that hyperautomation would grow exponentially over the next three years in terms of investment and deployment. Low-code, No-code tools will be critical in leading this trend.
Composable Applications	Composability is the ability to develop and organize app components in different combinations to satisfy specific requirements, speeding up production and timelines for innovation. These apps and solutions are incredibly customizable, creating more agile and resilient software solutions.

Low-code/No-code platforms will continue to grow with Gartner's projection of $26.9 billion for 2023, with hyperautomation and composable business initiatives driving this trend forward.

Benefits

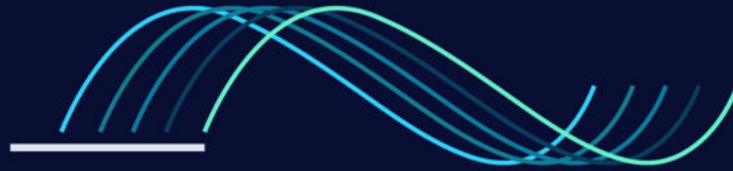|	
Plug and Play	Plug and play approach decreases time to market while cutting costs.
Customizable	Enabling citizen developers to build custom apps catering to their specific requirements.
Efficiency	Reducing the workload on development teams and scarce IT resources.
Speed	Accelerate the rate of digital transformation and process automation within the organization.
Examples	Salesforce Lightning, Mendix, Appian, OutSystems, Microsoft Power Apps, and Zoho Creator, among others.

Gartner predicts that by 2026, developers outside formal IT departments will account for at least 80% of the user base for low-code development tools, up from 60% in 2021.

The integration of AI and ML, the focus on cloud deployment, and the ability to create multi-channel applications are driving the growth of the low-code and no-code markets.

As the demand for custom applications grows, we will see even more adoption of low-code and no-code platforms.

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