



LOW CODE

Projections 2021 and Beyond

5 Trends to Unlock the Future of Low Code



The Future is **Low Code!**

2020 has taught us how important preparedness and agility are for every organization. In 2021 and beyond, we expect low code technology to be at the forefront of enterprise application development, with organizations leveraging it at a rapid pace.

Read this eBook to gain insights into the future of low code through five key trends that will help you respond faster to market disruptions and stay competitive.



By 2023, over half of the medium to large enterprises will have adopted low code as one of their strategic application platforms.¹

Gartner

¹<https://www.gartner.com/doc/reprints?id=1-24BC744E&ct=201005&st=sb>



Trends for 2021 and Beyond

1

Accelerated
adoption of
low code
platforms

2

Rapid application
delivery through
standardization
and governance

3

Increased
importance
of disposable
applications

4

Fit-for-purpose
Applications

5

Greater
investment
in new-age
technologies



1

Accelerated Adoption of Low Code Platforms

Low code will be the key to enterprise application development and delivery across medium to large enterprises.

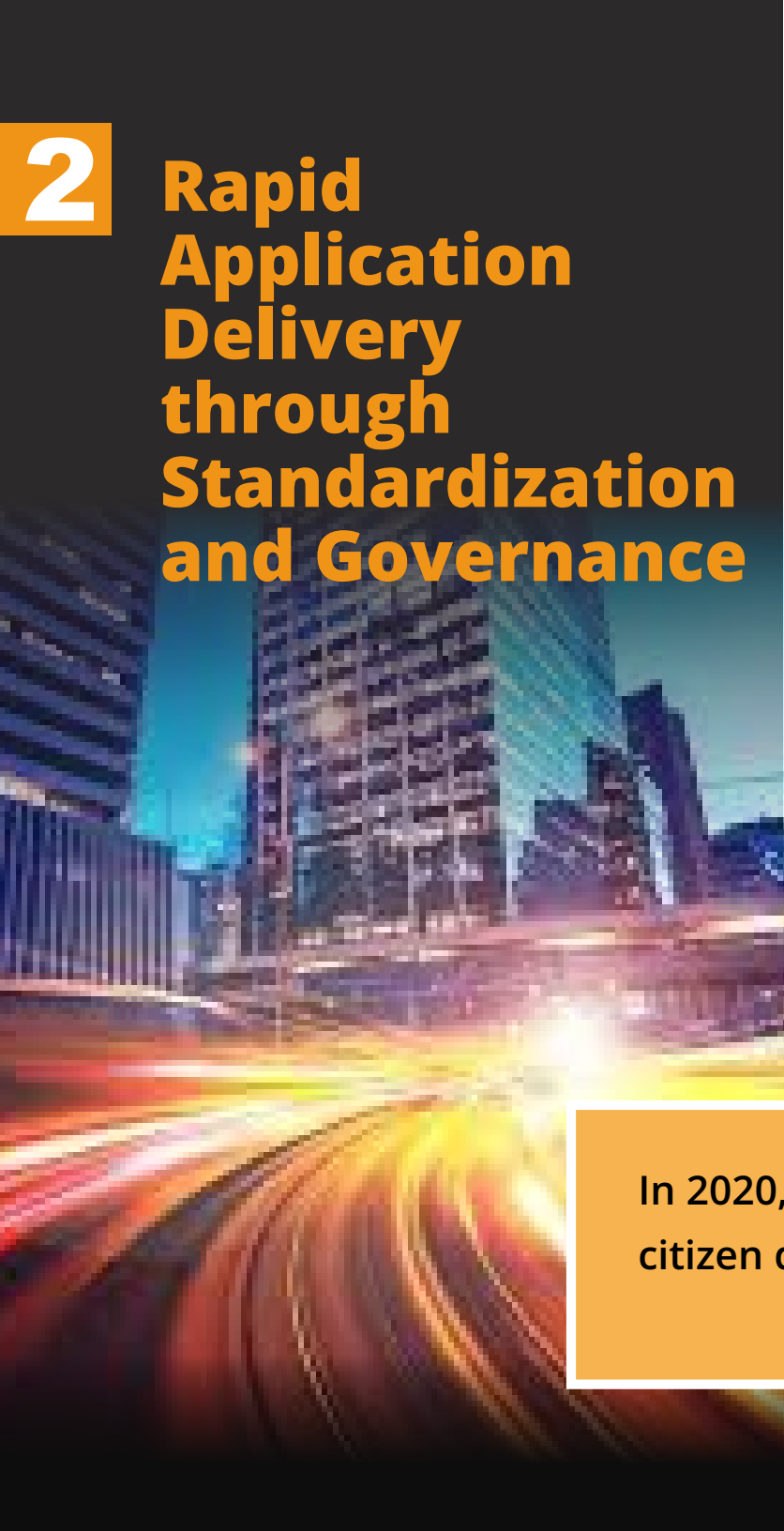
Also, low code platforms will help you:

- Deliver enterprise-grade applications rapidly
- Cater to the unprecedented demand for digitalization
- Meet the needs of both IT and citizen application development initiatives
- Leverage the capability to quickly and easily respond to unforeseen scenarios and problems

By 2024, more than 65% of application development will be done on low code platforms and 75% of large enterprises will be using at least four low code development tools²

Gartner

²<https://www.gartner.com/en/documents/3956079/magic-quadrant-for-enterprise-low-code-application-platf>

**2**

Rapid Application Delivery through Standardization and Governance

Rapid delivery of applications relies on standardization and governance. For this, it is imperative to implement a uniform approach around integration, governance, security, data access, and privacy to support a standard way of modeling and executing processes across your organization.

Furthermore, standardization and governance help you:

- Prevent substantial security, data, and process vulnerabilities
- Formalize control and management of citizen development policies
- Drive organization-wide digitalization, especially during unprecedented times, like COVID-19

In 2020, 70% of large enterprises have established successful citizen development policies, up from 20% in 2010.³

Gartner

³<https://www.gartner.com/smarterwithgartner/citizen-it-aids-mobile-security/>

3 Increased Importance of Disposable Applications



A low code platform can help you build **disposable applications** quickly and efficiently for shorter durations. Be it health status monitoring, worksheet management, or marketing campaigns, disposable applications come in handy for short-term usage.

By leveraging disposable applications, you can:

- Build customizable and affordable applications within hours or days
- Make changes to the application in less time
- Dispose of the application easily once you are done using it

Organizations will be better off building “disposable apps” using rapid mobile app development tools, since they are used only for a brief time.⁴

Gartner

⁴<https://www.gartner.com/en/documents/3093923>

4

Fit-for-purpose Applications

Integration poses a significant challenge for application leaders. To address the ever-changing customer processes, there is going to be a gradual shift from large monolithic applications to the use of independent, **fit-for-purpose applications**. These mini applications can be accessed via APIs and have their own metadata and web services.

What's more, fit-for-purpose applications offer:

- Personalized customer experience with customizable business applications
- Improved application integration and effortless developer experience
- Rapid delivery of specialized vertical applications with industry-specific templates, data models, and business rules

By 2022, 25% of new applications will be delivered, priced, and consumed as libraries of packaged business capabilities, up from less than 3% in 2019. Also, by 2023, 40% of professional workers will orchestrate their business application experiences and capabilities like they do their music streaming experience.⁵

Gartner

⁵<https://www.gartner.com/smarterwithgartner/gartner-top-strategic-predictions-for-2020-and-beyond/>

5 Greater Investment in New-age Technologies



You can't afford to lose valuable information, resources, and actionable insights from a large pool of data, processes, and workflows. Therefore, an increasing number of organizations are expected to invest in **new-age technologies**, including RPA, AI, ML, business intelligence, cybersecurity, and public cloud services.

By leveraging these technologies, you can:

- Address your performance objectives related to analytic and technology-based activities
- Incorporate advanced RPA to streamline redundant tasks
- Use AI capabilities to predict future risks and trends
- Provide resources, tools, and shared storage for distributed work using the public cloud

More than a third of developers will use machine learning in 2021 to automate development activities.⁶

Forrester

⁶<https://go.forrester.com/blogs/predictions-2021-software-developers-face-mounting-pressure/#:~:text=Artificial%20intelligence%20will%20drive%20more,2021%20to%20automate%20development%20activities>



The Rise of Low Code Development

The application development that used to take weeks and months can now be done in hours and days.

The need of the hour is to build and configure low code applications—for web and mobile—that are omnichannel, contextual, secure, and available on-the-go.

A market study by Forrester expects the market for low code development platforms to increase to \$21.2 billion by 2022, up from \$3.8 billion in 2017.⁷

⁷<https://www.forrester.com/report/The+Forrester+Wave+LowCode+Development+Platforms+For+ADD+Professionals+Q1+2019/-/E-RES144387>

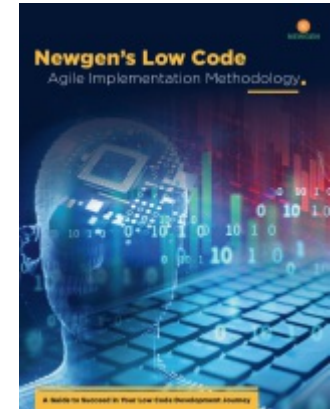
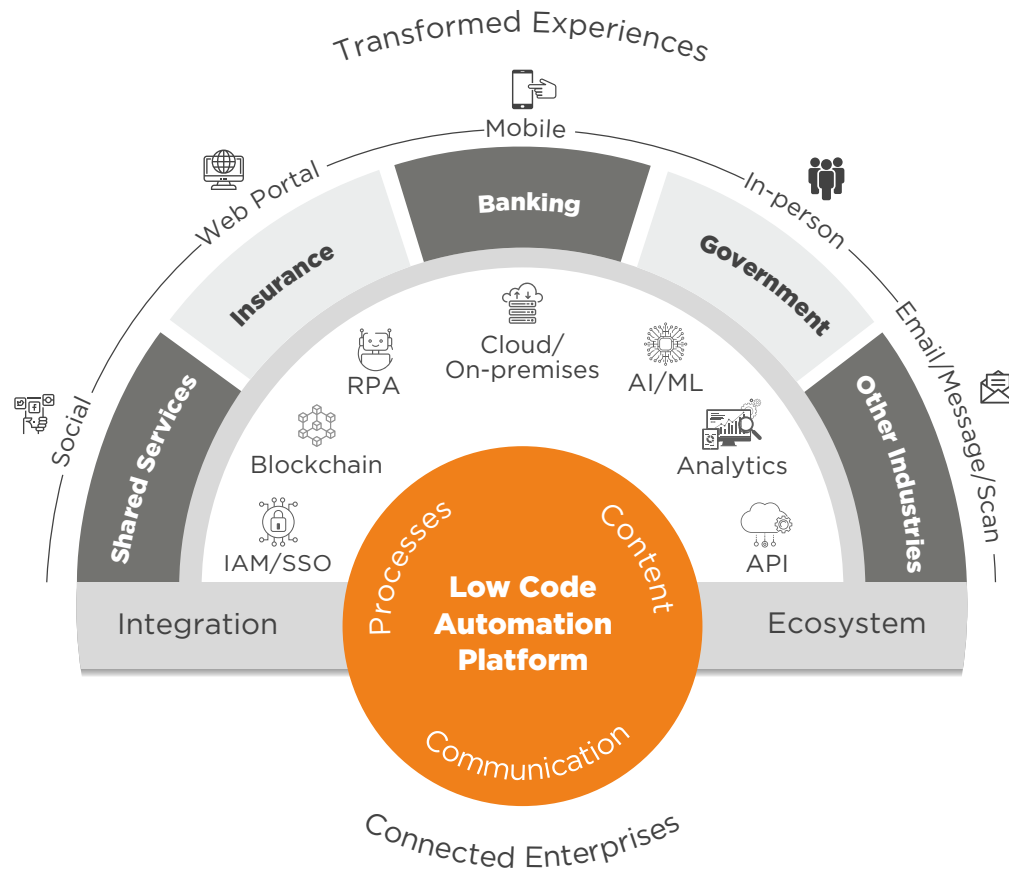


How Newgen Can Help?

Newgen's low code platform can help your enterprise rapidly streamline end-to-end business operations, achieve faster turnaround times, and drive digital transformation.

Our low code digital automation platform integrates various capabilities through our flagship products in intelligent process automation (BPM), contextual content services (ECM), and omnichannel customer engagement (CCM).





We would be happy to help you in your digital journey. Connect with us to learn more.

About Newgen

Newgen Software is a vendor/provider of Business Process Management (BPM), Enterprise Content Management (ECM), Customer Communication Management (CCM), Document Management System (DMS), Workflow and Process Automation software. The company has a global footprint in over 69 countries with large, mission-critical solutions that have been deployed in Banks, Insurance firms, BPO's, Healthcare Organizations, Government and Telecom Companies.

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