

The logo consists of the letters 'CH' stacked above '&Co.' in a white, sans-serif font, enclosed within a solid orange square.

CH
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SMART AUTOMATION

| Low-Code / No-Code Platforms for Technology Enablement

2020

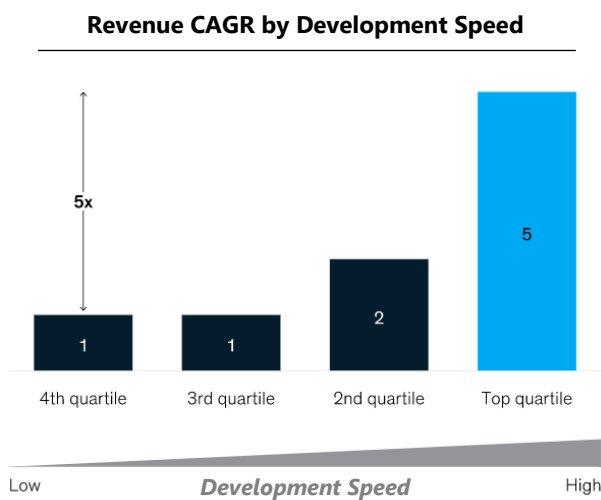


LOW CODE / NO CODE TOOLS ENABLE FASTER TECHNOLOGY DEVELOPMENT

- Organizations that are more efficient in technology development outperform their peers by considerable margins
 - a. Businesses in the top 25% of development speed have experienced revenue growth 5 times greater than that of its peers
- Low-Code / No-Code platforms unleash development speed
 - a. These platforms can speed up development by ~10 times
 - b. They provide rapid growth environments, remove points of friction, and create more developers within the organization (i.e. transforms business-users into their own developers)
 - i. Creating more developers is a key advantage as traditional tech resources are limited and costly
- Research shows that 100% of Low-Code enterprises have received ROI from their low-code adoption strategies. And the trend is shifting towards more low-code adoption over the next 5 years

Across every organization in the Financial Services industry, businesses are being transformed through technology. From how an enterprise operates to the products and services it sells – performance is becoming increasingly dependent on technical capability. A recent industry study shows (Table 1) that businesses in the top quartile of technology development outperform their peers in revenue growth by five times.

Table 1



Low-Code/No-Code platforms unleash development speed by fostering more development environments and more developers. These platforms enable technology development without traditional manual programming. Non-tech business user can develop solutions and applications without any conventional programming skills - freeing up traditional developers to focus on the most complicated tasks

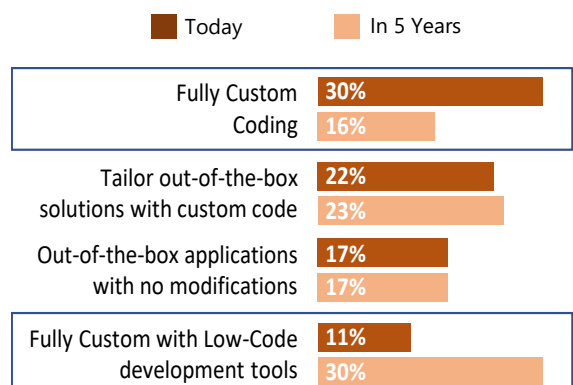
Instead of manual coding - these platforms use visual programming. Users develop technology solutions by orchestrating tasks into sequences using drag-and-drop graphical tools. This enables the rapid creation, launch, operation, and change of powerful business applications.

Low-Code development facilitates fast, iterative delivery of business applications – with development speeds up to 10 times faster than traditional technology approaches. The ease of use of these tools can allow business users to develop solutions tailored to their specific needs immediately - without waiting for a request to work its way through months of IT backlog

However, **Low-Code/No-Code platforms are not meant to serve as a replacement to the existing IT department.** The opposite is in fact true – these platforms should serve as an extension to an organization’s IT strategy. When deployed effectively – the impact will be more rapid delivery and better alignment between the Business and Technology.

According to Forrester Research – **100% of low-code enterprises have received ROI** from their low-code adoption. Furthermore, low-code strategies are projected to grow in use and scale as they continue to integrate with innovations such as AI. A Forrester survey asked low-code enterprises how they would approach developments requiring complex business logic both today as well as in the future - Today, 30% would turn to fully custom coding, but this shrinks to 16% as they think about the future. While the trend shifts towards custom low-code approaches in the future (30%).

“What tools would you use to build an application with complex business logic today? In the Future?”



*Table 1 – McKinsey/Capital IQ: Compound Annual Growth Rate by Development Speed

*Table 2 – Forrester Research: Growth of Low-Code strategies

WHERE TO BEGIN?

Manual Process automations are one of the **core use-cases for Low-Code / No-Code platforms**. Business Users can convert their tedious, repetitive data transformation activities into automated workflows – freeing-up these skilled resources to focus on higher value work. These process automations are targeted at activities that follow very explicit rules-based steps, often communicating across multiple systems and applications to source, enrich, and transform data.



Activities such as journal entry adjustments, data reconciliations, management reporting, business intelligence, and other manual data mining activities are some of the most common automated processes.

All business groups that rely on structured data for business execution or decision-making can leverage Low-Code / No-Code strategies to transform their businesses.

Below are some of the benefits we have been able to achieve:



Manual Process Automation

- 50% Reduction in manual adjustments to the General Ledger



Self-Service Data & Business Intelligence

- Auto-generation of KYC dashboards (Tableau, PowerBI, etc.)
- 20 hours saved per reporting iteration



Regulatory & Compliance

- 90-day turnaround in response to a FED MRA



Controls Enhancement

- Automatic reconciliation of 500K+ data points daily (inclusive of FED Reporting)
- Automatic audit trail and archiving of results and exceptions handling



Predictive Modelling

- Financial Fraud Detection
- Predicting Defectors
- Identifying pairings/ cross-selling opportunities across businesses