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BARRIERS TO
LOW CODE /
NO CODE

Whitepaper

Low Code / No Code is impacting the world. If you have not looked into it, now is the time.

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Low Code/No Code is impacting the world. If you have not looked into it, now is the time. Low Code (LC) and No Code (NC) are creating what [Forbes](#) calls "Developer Velocity"— which means that through LC/NC, developers can quickly develop innovative products that solve real-life problems.

Even AI (Artificial Intelligence) is beginning to come into the picture and is supporting the developer. The developer codes, while AI parallelly detects and remediates any issues. That makes development a lot faster.

To quote one [McKinsey report](#) "One pharmaceutical company grew its low-code platform base from eight users to 1,400 in just one year. Business users outside of IT are now building applications with thousands of monthly sessions. The companies in our survey that empower "citizen developers" in these sorts of ways score 33 percent higher on innovation compared with other bottom-quartile companies."

Why aren't We Using It Much already?

You are probably wondering why the market has not already seen more innovation. After all, the declarative and model-driven approaches are not new, and Artificial Intelligence is being adopted at an increasingly rapid pace.

The possibilities are vast and remarkable, but there are a few factors preventing industries from adopting Low-code/No-code in a manner that is more complete. Vendors would have you believe that the hassle of building an automated business is just too much.

In that case, what is holding us back? There are a few reasons why this has not yet translated into quantum leaps in innovation or even disruption in existing markets. We've identified three key reasons for the barriers.

Reason #1: Business Models

Some of the most significant challenges to the transformation of the innovation landscape lie in business models. The most obvious reason is that almost all businesses dwell in a state of reactive innovation. Almost no one has taken the plunge to fully embrace disruptive innovation. The reasons for this are many and varied, but the most common one is inertia. Once your business model is established, it is very difficult to shift gears.

Low-code platforms are already revolutionizing how large enterprises manage their digital transformations, removing the burden of traditional DevOps, and eliminating the need for internal coding skills or developer teams. Low-code/No-code is poised to completely disrupt the traditional business model. The real challenge is making the transition from a conventional "bus" system that puts junior developers on the road for months at a time, to a more collaborative and innovative development model closely aligned with software craftsmanship and Agile methodologies.

Reason #2: Change Resistance

IT departments often push back on adopting Low-code/No-code platforms. The denial is understandable: not much in life is more threatening than losing your job. But putting up a barrier also means preventing truly innovative thinking. And with every passing day of stagnation, the competition only moves further ahead. A generation ago, the IT department ruled the roost. They decided what strategy to adopt and what technologies would power it. Increasingly, however, that is not the case anymore.

If you are an IT manager, the increased usage of the Low-code/No-code platforms may seem like a nightmare. After all, your role is changing from that of an interpreter of technology to that of an implementation guide or coach.

Reason #3: Pink Slip Worries

People are worried that they might lose their jobs The reality, however, is that Low-code/No-code does not threaten IT or DevOps so much as it reshuffles their basic functions. For one thing, Low-code/No-code allows your staff to cut through many of the delays caused by involving IT in each stage of application development.

This just means that we need to clear the clutter and help the relevant teams gather the relevant benefits they gain from using LC/NC code technology. The inertia we talked about in our previous section on inertia applies to teams as well.

Dealing with Barriers

01   ## Business Models and Modifying them

A famous Star Wars quote goes, "Do or do not. There is no try". Business models must change with the advent of low-code and no-code technologies. They are a temporary hurdle with long term benefits and innovation that can give you an edge over the competition. We are in an era where even legacy companies are now valued for their ability to innovate and disrupt, it is time to rethink the old views on exactly how and why innovation matters in your market.

Low-code/No-code application development is not new but the rate at which these transformations are happening in organizations is inspiring a sea change in tools and practices. The phrase 'Low-code/No-code' application development has moved from a niche concept to the mainstream. A confluence of digital disruptions, hyper-automation, and the rise of composable business is fueling significant growth in the adoption of Low-code/No-code platforms.

02 Reducing Resistance to Change

Internal change resistance can cause a lot of internal disruption which will eventually impact how your customers trust you. You may lose valuable employees and have delays in your projects. Hence, as a business leader, you must start this as a slow, but well-paced initiative. Speak to your employees and ask them if they are stressed out by the possible impact the change is going to have on them. Consider using an ADKAR model to deal with the change.

While you make them aware of what's happening, also provide them with the incentive and training they need to reduce resistance. Instead of causing them to worry about change, encourage them and ask them to see the bright side. While you do so, ensure that you gain their trust, and create a genuine platform that causes them to desire to learn new technologies, and ask difficult questions that even you might not have the perfect answer for.

03 Improving Employee Confidence

We need to handle the worry of pink slips with care. It is true that advancement of technology leaves no room for a slow-paced learner. But that does not mean we do not give them the requisite training and give them enough time to make a seamless transition. In fact, LC/NC must make their life easier and more productive.

In addition, these changes encourage developers to think about what is important for their users, rather than focusing on specific technologies which can pay dividends well beyond a single application. Now is the time to expand your team's role as an innovation driver. Low-code/No-code technologies are enabling companies across the industry to do just that, and it is not too late for your business to reap the benefits of this trend.

Should you have any queries and business models you would like to discuss with us, or have aspirations on bringing LC/NC to your company, you can just drop a note to us via our contact form here: www.feuji.com/contact . We would love to talk to you.

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