

A  
Lynchpin  
Media  
BRAND



A CxO Priorities survey,  
in partnership with

**SIEMENS**

# LOW-CODE AND IIOT FOR DIGITAL TRANSFORMATION SURVEY 2022



**SIEMENS**



A  
Lynchpin  
Media  
BRAND

**INTRODUCTION**

**SURVEY  
OVERVIEW**

**SUMMARY OF  
FINDINGS**

**CHAPTER 1  
THE CHALLENGES  
AND THREAT  
LANDSCAPE**

**CHAPTER 2  
PRIORITIES  
AND PLANNING  
AHEAD**

**CONCLUSION**

SIEMENS

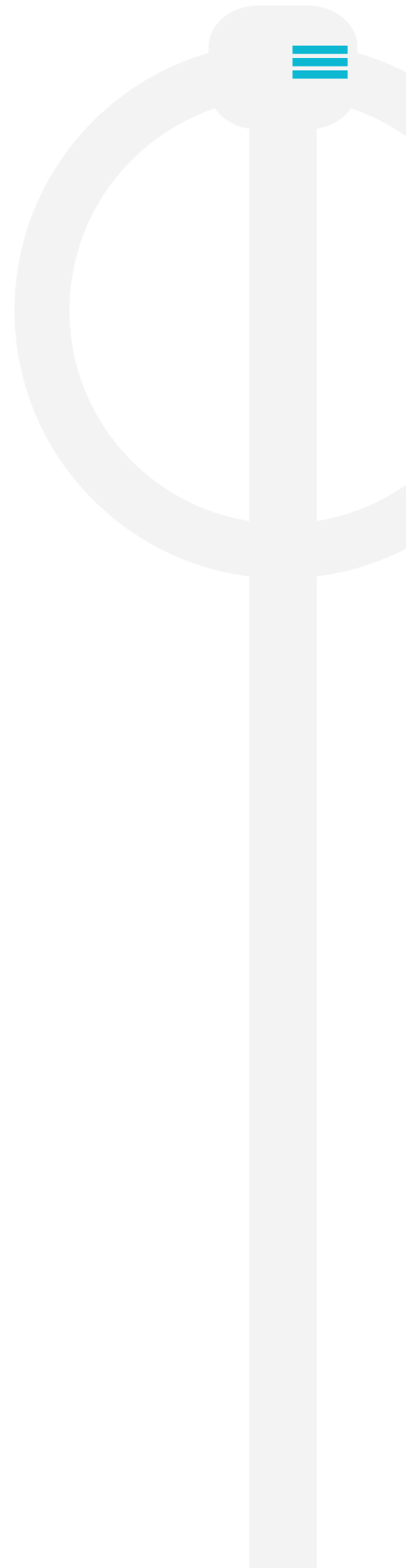


A  
Lynchpin  
Media  
BRAND

## INTRODUCTION

As Digital Transformation has become a key priority for CISOs and their teams, organisations witnessed numerous challenges while implementing strategies over the recent years. While Digital Transformations goals and strategies keep evolving, it is essential to understand whether organisations' existing technologies can enable them to reach their desired level of Digital Transformation.

Given the dynamic nature, organisations must reposition themselves in the digital economy to innovate and leverage emerging technology. Furthermore, as IIoT and Low-Code tools are increasingly gaining importance, it is vital to understand whether organisations prioritise their role in their Digital Transformation strategies and what benefits they aim to derive.



SIEMENS



A  
Lynchpin  
Media  
BRAND

## SURVEY OVERVIEW

To find out more, we surveyed CIOs, CTOs and IT directors at India and South East Asia (SEA) organisations about their Digital Transformation strategies.

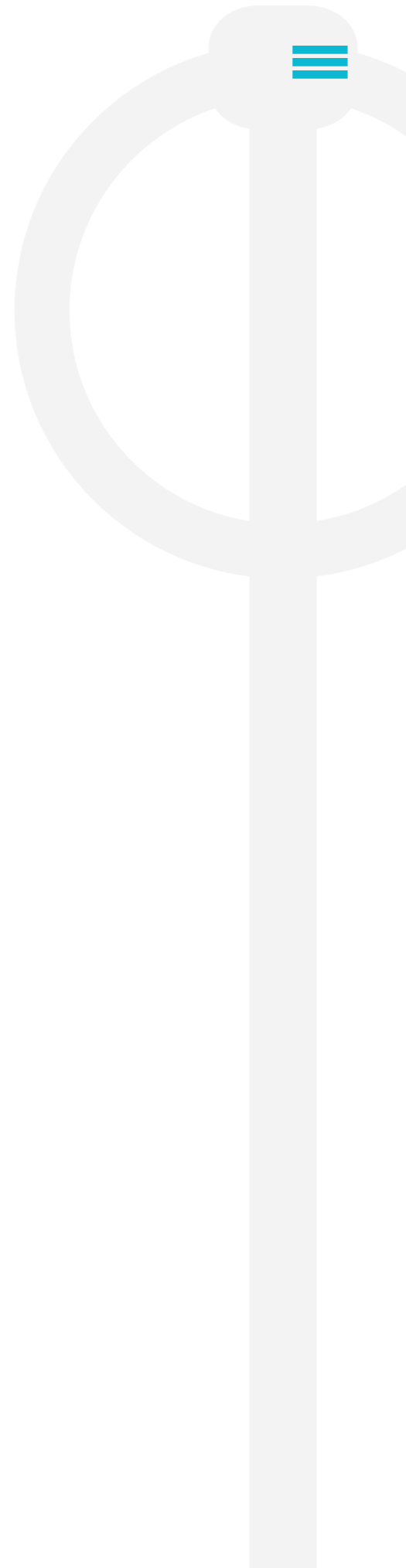
Through the survey, we aimed to discover:

The challenges organisations are facing when it comes to Digital Transformation

Whether organisations' existing technology has the capability to full tenable digitalisation goals

Most important benefits when committing to investment in IIoT technologies

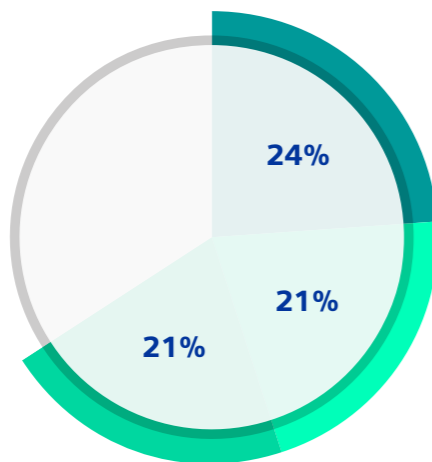
Future requirements for Low-Code tools and top factors in the evaluation of a Low-Code provider



## SUMMARY OF FINDINGS

1

Reduced budget (24%), limited resources (21%) and customer demands outpacing digitalisation strategy (21%) are the major Digital Transformation challenges being faced by organisations



2

Two-thirds of respondents state that their Digital Transformation Strategy includes investment in IIoT technology

3

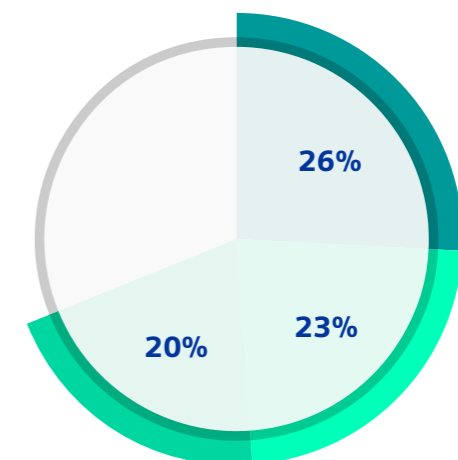
Faster Innovation and Improved Sustainability are the most important factors to commit to investment in IIoT technology

4

More than half of the respondents cite an increase in the future requirements for Low-Code tools

5

Improved collaboration between business and IT teams (26%) is the most important benefit to be derived from a Low-Code platform, followed by enabling multi-experience applications (23%) and increased speed of delivery (20%)



**SIEMENS**



A  
Lynchpin  
Media  
BRAND

CHAPTER 1

# THE CHALLENGES AND THREAT LANDSCAPE

Future-proofing technology has been a priority for many organisations for several years. However, managing rising costs that also successfully align with sustainability is now a major focus for IT decision-makers. With investments in digital initiatives soaring, we are entering a phase where businesses need to be smart about Digital Transformation. In this section, we explore the most significant challenges that organisations face in fully realising their digitalisation goals.



QUESTION 1

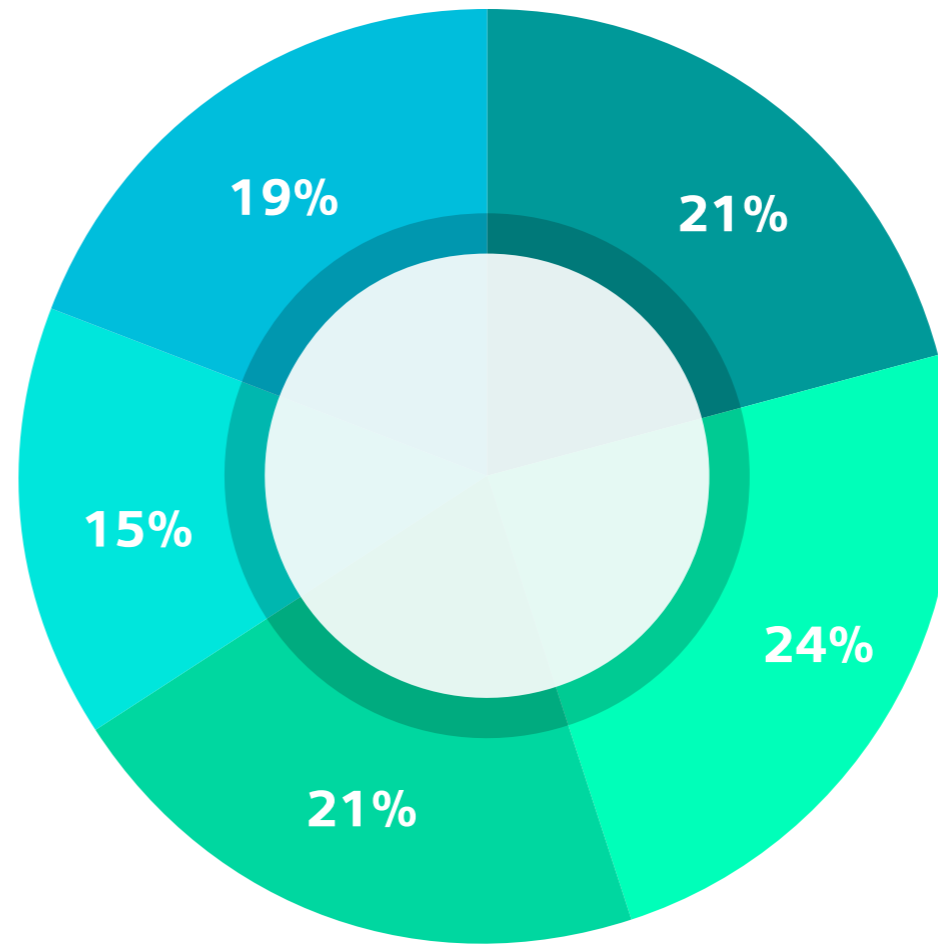
WHICH OF THE FOLLOWING CHALLENGES HAS YOUR ORGANISATION FACED REGARDING DIGITAL TRANSFORMATION?

PLEASE RANK FROM 1 – MOST CHALLENGING TO 5 – LEAST CHALLENGING

- 21% Customer demands outpacing digitalisation strategy
- 24% Reduced budget
- 21% Limited resources
- 15% Legacy infrastructure
- 19% Leadership alignment

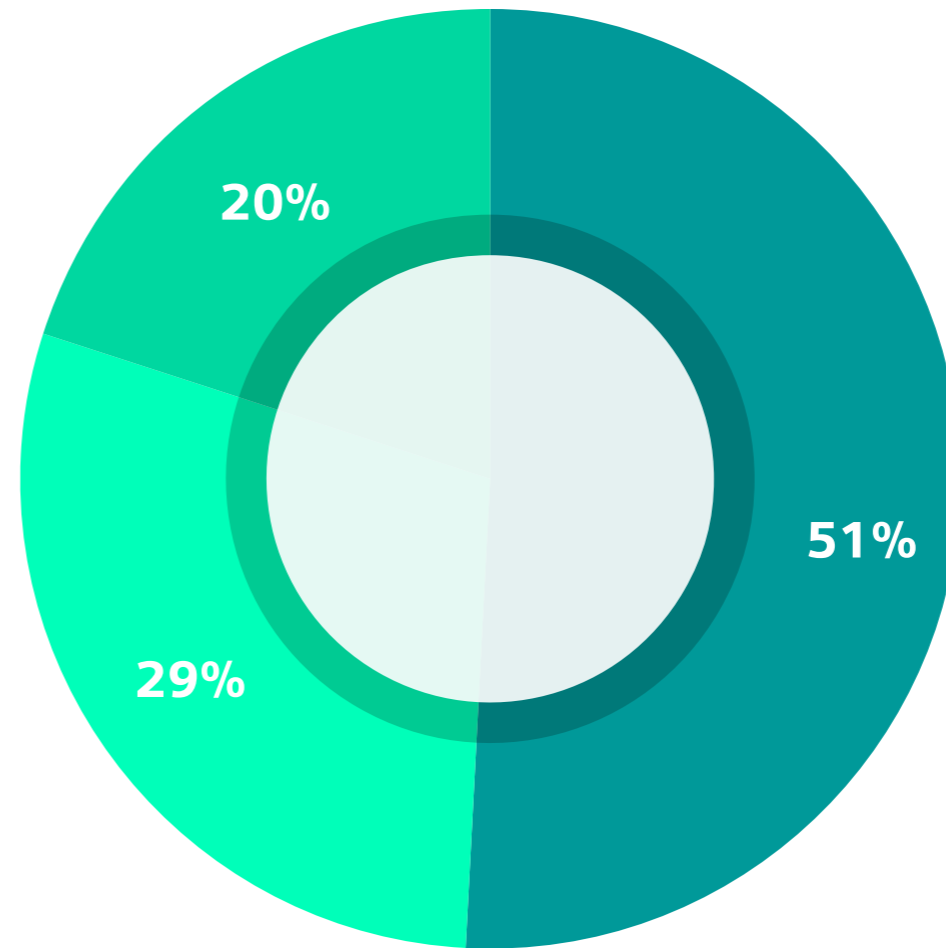
KEY TAKEAWAY

Majority of respondents cite reduced budget (24%) as the most challenging factor regarding Digital Transformation. This is closely followed by limited resources (21%) and customer demands outpacing digitalisation strategy (21%). This indicates a need for organisations to incorporate a digitalisation roadmap that is innovative but executable with realisable business value.



HAS YOUR ORGANISATION INCREASED INVESTMENT IN DIGITAL INITIATIVES OVER THE PAST 12 MONTHS?

- 51%** Yes – we have significantly increased our investments in digital initiatives
- 29%** Yes – we have slightly increased our investments in digital initiatives
- 20%** No – our investment has remained steady
- 0%** No – our investment decreased



KEY TAKEAWAY

Over the past twelve months, majority of respondents (80%) have increased their investment in digital initiatives, highlighting their interest in Digital Transformation. This indicates increased importance towards attaining Digital Transformation and promoting the full advantage of technology investments across the organisation.



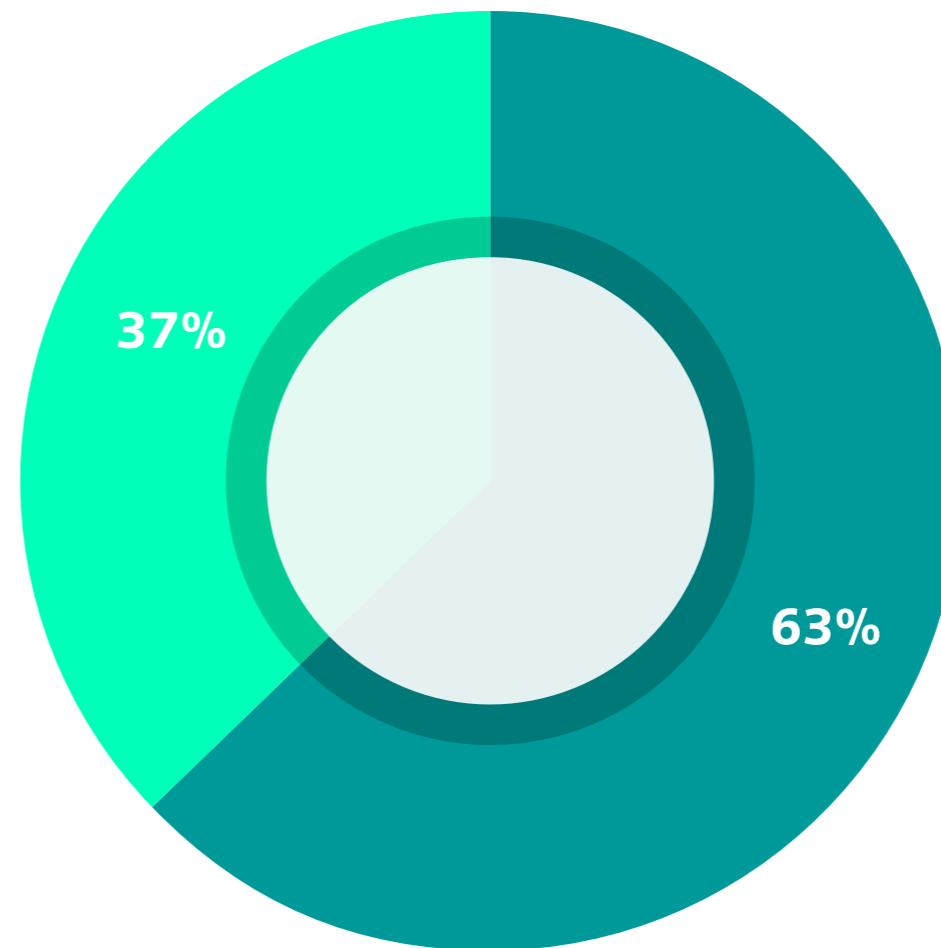
IN YOUR VIEW, DOES YOUR EXISTING TECHNOLOGY HAVE THE CAPABILITY TO FULLY ENABLE YOUR DIGITALISATION GOALS?

63% Yes

37% No

KEY TAKEAWAY

In terms of existing technology having the capability to fully enable digitalisation goals, majority of respondents (63%) agree. However, as cited earlier, customer demands outpacing digital strategies is one of the major challenges being faced by organisations. This indicates a need for a reliable external provider that can establish and execute a digitalisation roadmap efficiently and deliver long-term solutions.



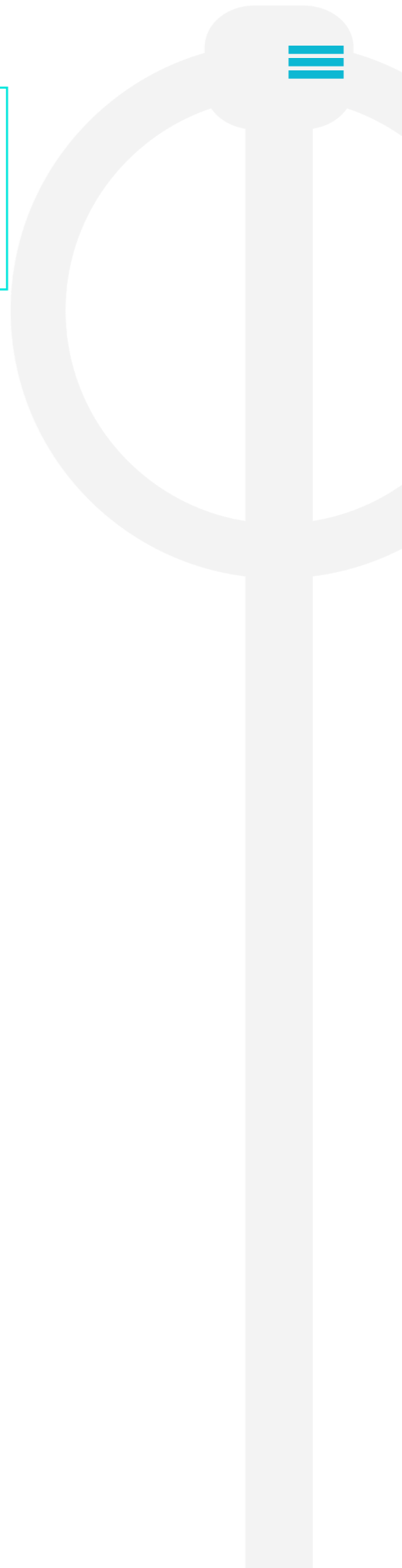
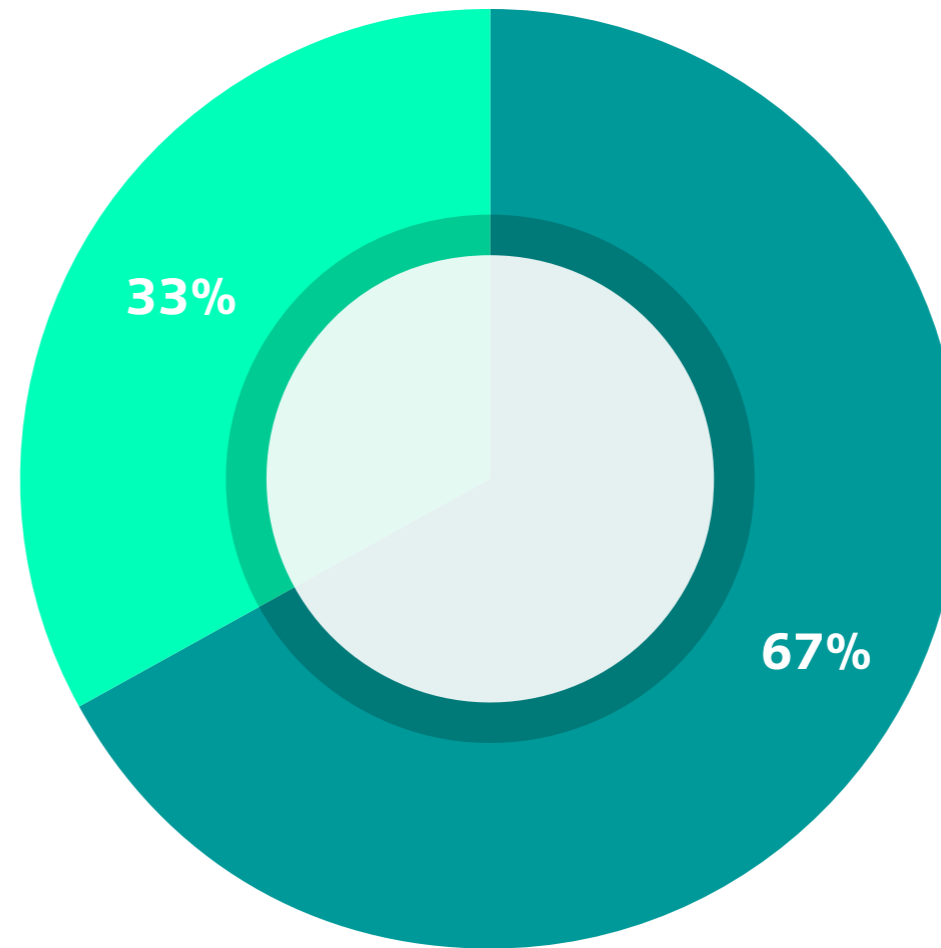
DOES YOUR DIGITAL TRANSFORMATION STRATEGY INCLUDE INVESTMENT IN IIOT TECHNOLOGY?

67% Yes

33% No

KEY TAKEAWAY

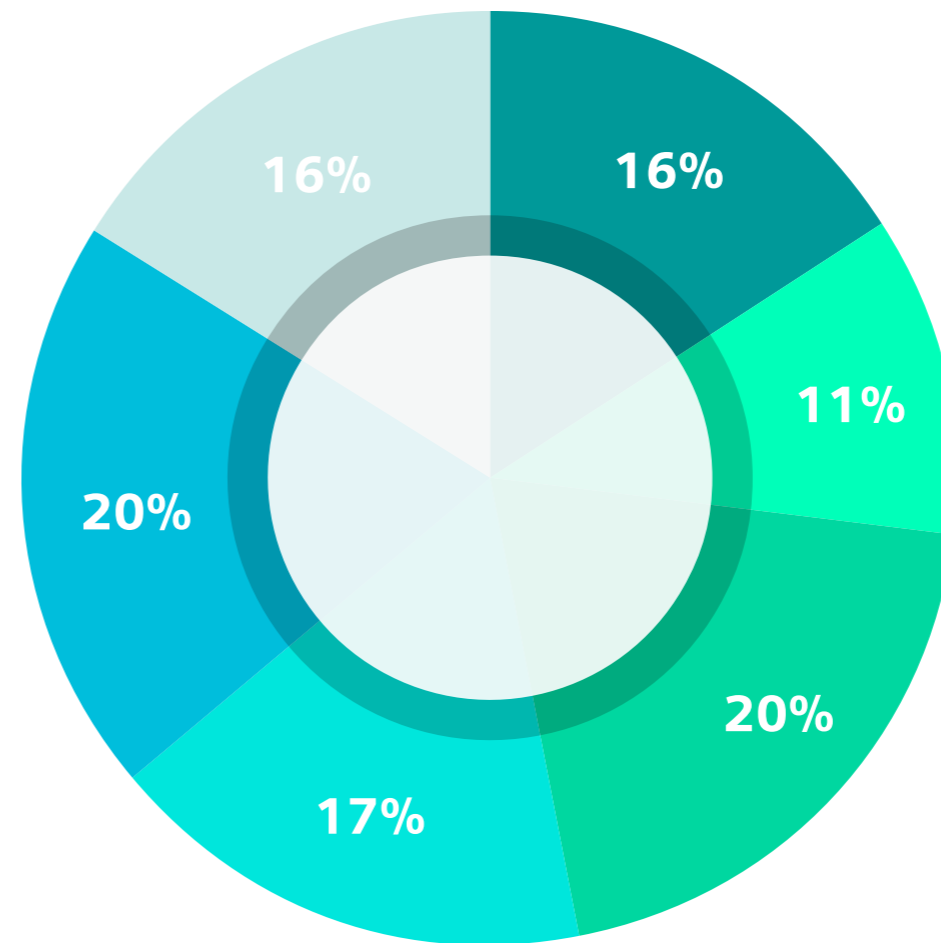
Two-thirds of the respondents cite that their Digital Transformation strategy includes investment in IIoT technology. This highlights that Digital Transformation strategies are imperative to their business goals and organisations are deriving benefits from their investment. This further indicates an opportunity for external providers to offer IIoT solutions that provide speed, scalability, versatility and keep organisations at pace with emerging trends and technologies.



*YOUR EVALUATION OF THE BENEFITS OF IIOT TECHNOLOGY FOR YOUR ORGANISATION, WHAT ARE THE MOST IMPORTANT FACTORS TO COMMIT TO INVESTMENT?*

*RANK FROM 1 – MOST IMPORTANT TO 6 – LEAST IMPORTANT*

- 16%** Reduced overall costs
- 11%** Increased flexibility
- 20%** Faster innovation
- 17%** Efficiency gains
- 20%** Improved sustainability
- 16%** Scalability



**KEY TAKEAWAY**

Majority of respondents cite faster innovation (20%) and improved sustainability (20%) followed by efficiency gains (17%) as the most important benefits when committing to investment in IIoT technologies. This highlights that service providers need to prioritise advancement in terms of innovation and sustainability for similar investment cost.

**SIEMENS**



A  
Lynchpin  
Media  
BRAND

CHAPTER 2

# PRIORITIES AND PLANNING AHEAD

Investment in future technology is critical, especially given the pace and demand for innovation. In this section, we look at the top investment areas for organisations in the coming year and the key benefits that new solutions can bring.



QUESTION 1

*HOW WOULD YOU DESCRIBE YOUR PREVIOUS REQUIREMENTS AND USE OF LOW-CODE TOOLS?*

**47%** Frequent

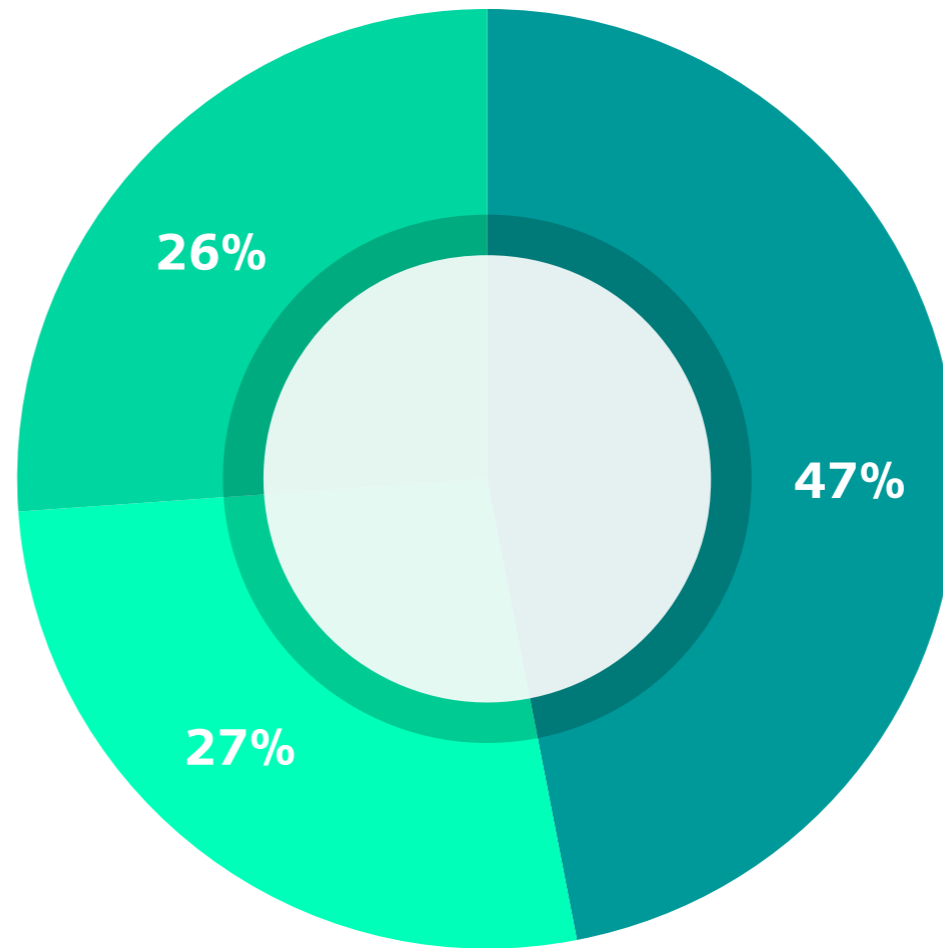
**27%** Infrequent

**26%** Occasional

KEY TAKEAWAY

Nearly half the respondents have used Low-Code tools frequently in the past, with one-fourth respondents citing infrequent usage. As all respondents have used low-code tools with varying requirements, the need for a platform that can streamline a variety of solutions is realised.

Furthermore, this also indicates the need for a reliable provider that can seamlessly develop solutions that meet the needs of the organisation and contribute towards the business goals.



HOW WOULD YOU DESCRIBE YOUR FUTURE REQUIREMENTS FOR LOW-CODE TOOLS?

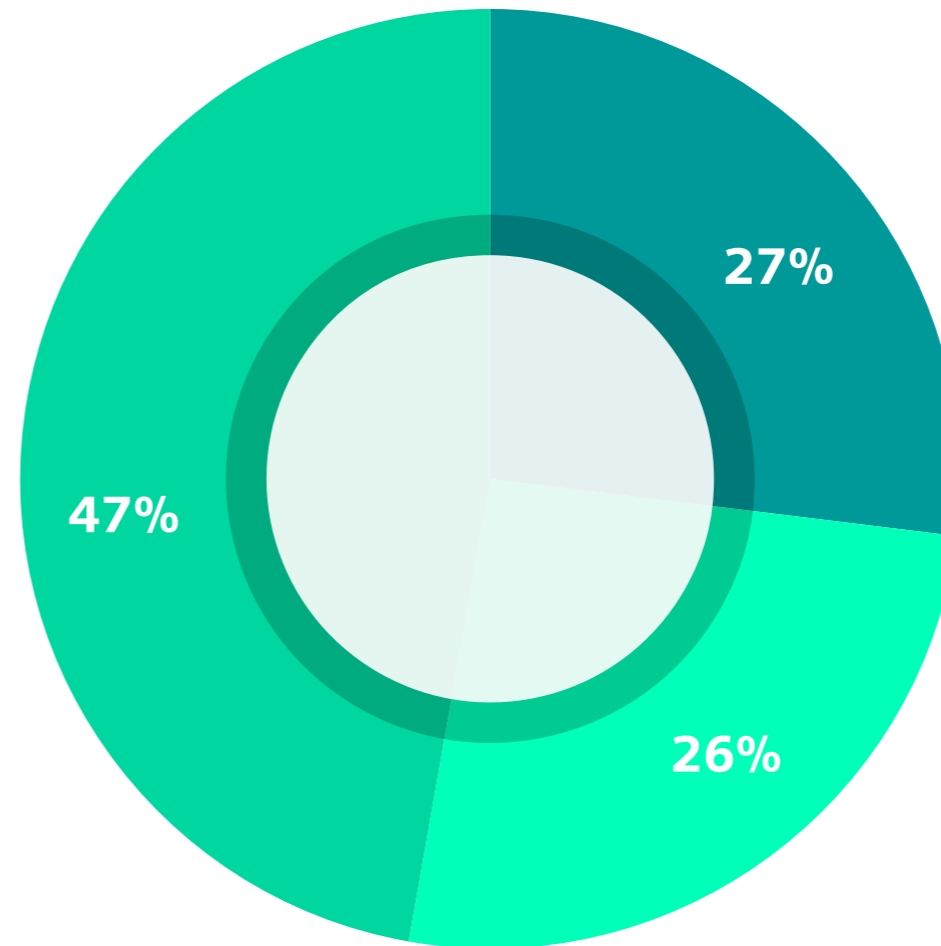
**27%** Significantly increased

**26%** Increased

**47%** Not changed

**0%** Decreased

**0%** Significantly decreased



KEY TAKEAWAY

More than half of respondents cite an increase in the future requirement for Low-Code tools with none considering a decrease in the same. This shows that Low-Code tools are valued, necessary and utilised well, with a growing demand in the future. Organisations can benefit from an all-in-one, low-code application development platform and work towards building multi-experience, enterprise grade applications at scale.

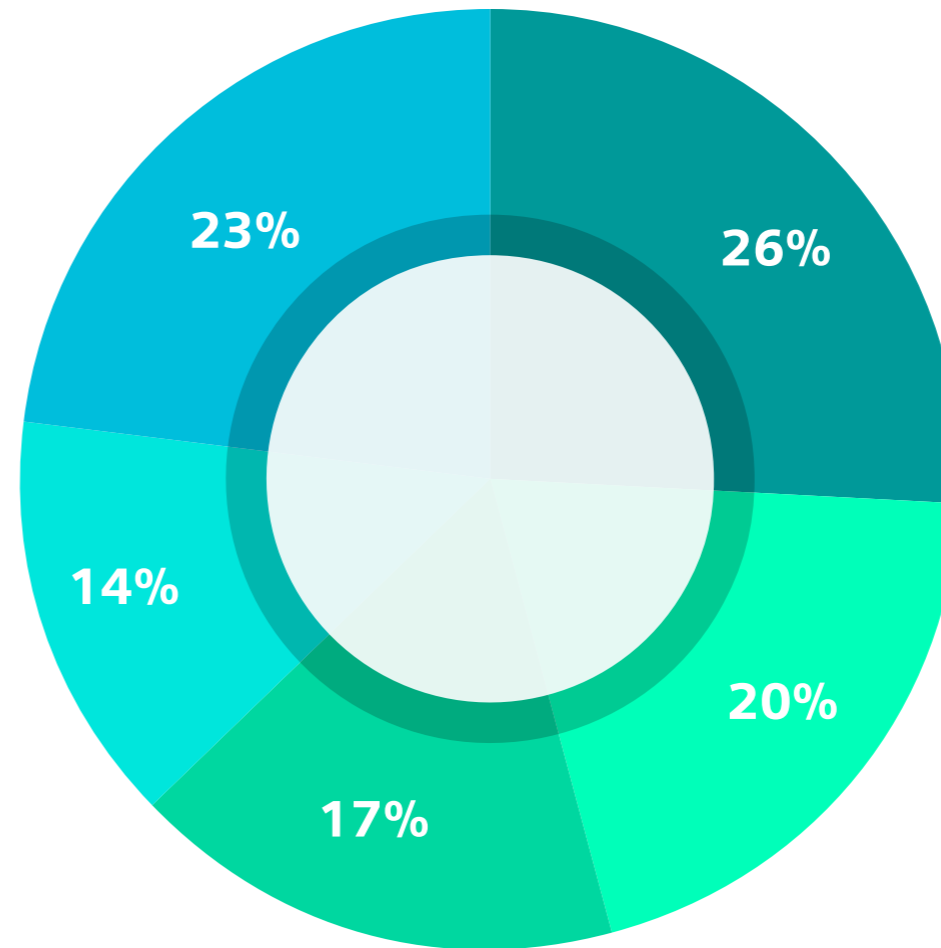
WHAT DO YOU SEE AS THE MOST IMPORTANT BENEFITS TO DERIVE FROM A LOW-CODE PLATFORM?

PLEASE RANK FROM 1 – MOST IMPORTANT TO 5 – LEAST IMPORTANT

- 26%** Improved collaboration between business and IT teams
- 20%** Increased speed of delivery
- 17%** Application velocity capability
- 14%** Better security
- 23%** Enabling multi-experience applications

KEY TAKEAWAY

In the respondents' opinion, the two most important benefits to derive from Low-Code tools are the improved collaboration between business and IT teams (26%) and the enabling of multi-experience applications (23%). These prioritised benefits suggest businesses are looking to streamline their processes by improving collaboration and communication, as well as combining their applications into a single space. This is exactly what customers expect from a Low-Code platform when investing and should be considered by providers when setting up their services.



IN YOUR EVALUATION OF A LOW-CODE PROVIDER, WHAT ARE THE TOP TWO FACTORS YOU WOULD CONSIDER?

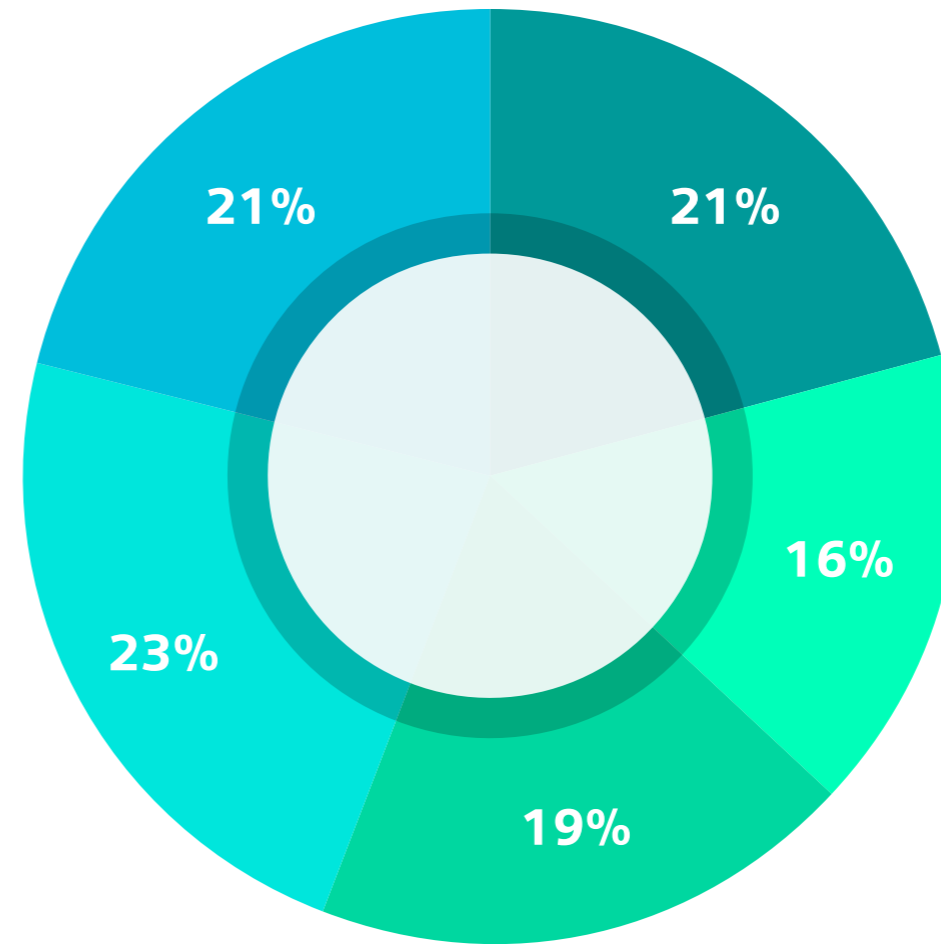
SELECT TOP TWO

- 21% Analyst reports
- 16% Word of mouth
- 19% Ability to build mobile apps
- 0% Cloud-native functionality
- 23% Ease of use
- 21% Cost

KEY TAKEAWAY

Respondents cite ease of use (23%) as the top factor while evaluating a Low-Code provider, followed by analyst reports (21%) and cost (21%). This highlights how Low-Code providers can be the primary choice of organisations going forward by providing these factors.

Furthermore, organisations can benefit from a Low-Code platform that enables developers of varying experience to create multi-experience applications to address the demand for solutions across the organisation.



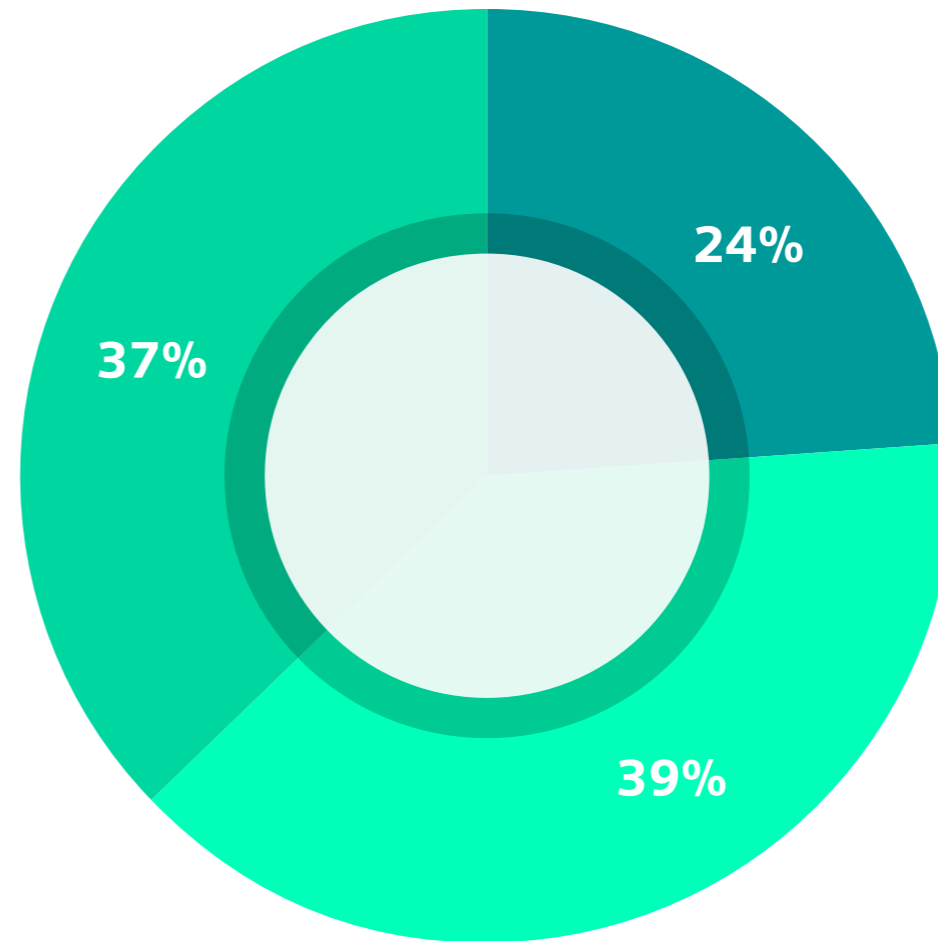


LOOKING AHEAD, HOW WILL YOU PRIORITISE INVESTMENT IN IIOT AND LOW-CODE AS PART OF YOUR OVERALL TECHNOLOGY STRATEGY?

- 24% High priority
- 39% Medium priority
- 37% Low priority

KEY TAKEAWAY

Nearly 1/4th respondents consider investment in IIoT and Low-Code as high priority for the future, indicating a potential demand for reliable service providers that can provide efficient service. There is also an opportunity for organisations to educate their employees in IIoT and Low-code and how it can contribute to faster innovation.



## CONCLUSION

With the majority of respondents indicating that their organisations have increased investment in digital initiatives over the last year, it is evident that organisations are keen to advance their Digital Transformation.

Two-thirds of Digital Transformation strategies include investment in IIoT technology, indicating an opportunity for external providers to offer scalable solutions. However, as budgets are a constraint, providers need to provide a comfortable price point that enables organisations to derive maximum benefits.

More than half of the respondents cite an increase in the future requirement for Low-Code tools. The findings highlight that improved collaboration between businesses

and IT teams and enabling multi-experience applications are the most important benefits organisations want to derive from a Low-Code platform.

Organisations can benefit from an all-in-one, low-code application development platform. As organisations consider Analyst reports, ease of use and cost as the most important factors while evaluating Low-Code providers, service providers can be the primary choice for organisations by efficiently providing these factors.

Organisations can put themselves on the path to scale intelligently and ensure a technology ethos is in place by onboarding a reliable partner that can help achieve their Digital Strategies.



*Organisations can benefit from an all-in-one, low-code application development platform.*



**SIEMENS**



A  
Lynchpin  
Media  
BRAND

Lynchpin  
Media

Lynchpin Media is a global technology media, data and marketing services company. We help to increase awareness, develop and target key accounts and capture vital information on regional trends.

Visit [lynchpinmedia.com](http://lynchpinmedia.com) for more information.



CxO Priorities, a Lynchpin Media Brand  
63/66 Hatton Garden  
London, EC1N 8LE  
United Kingdom

Find out more:  
[www.cxopriorities.com](http://www.cxopriorities.com)

In conjunction with

**SIEMENS**

Headquarters: +1 972 987 3000  
Americas: +1 314 264 8499  
Europe: +44 (0) 1276 413200  
Asia-Pacific: +852 2230 3333

For more information on Siemens Digital Industries Software products and services:  
[www.siemens.com/software](http://www.siemens.com/software)