

APIs: Enterprise Maturity and Use Cases



Most IT leaders take advantage of APIs to support developers and improve business. With plans to continue their integration of APIs, we investigate the state of API adoption across the enterprise as well as examine both internal and external use cases. What impacts do IT leaders expect APIs to have now and in the future?

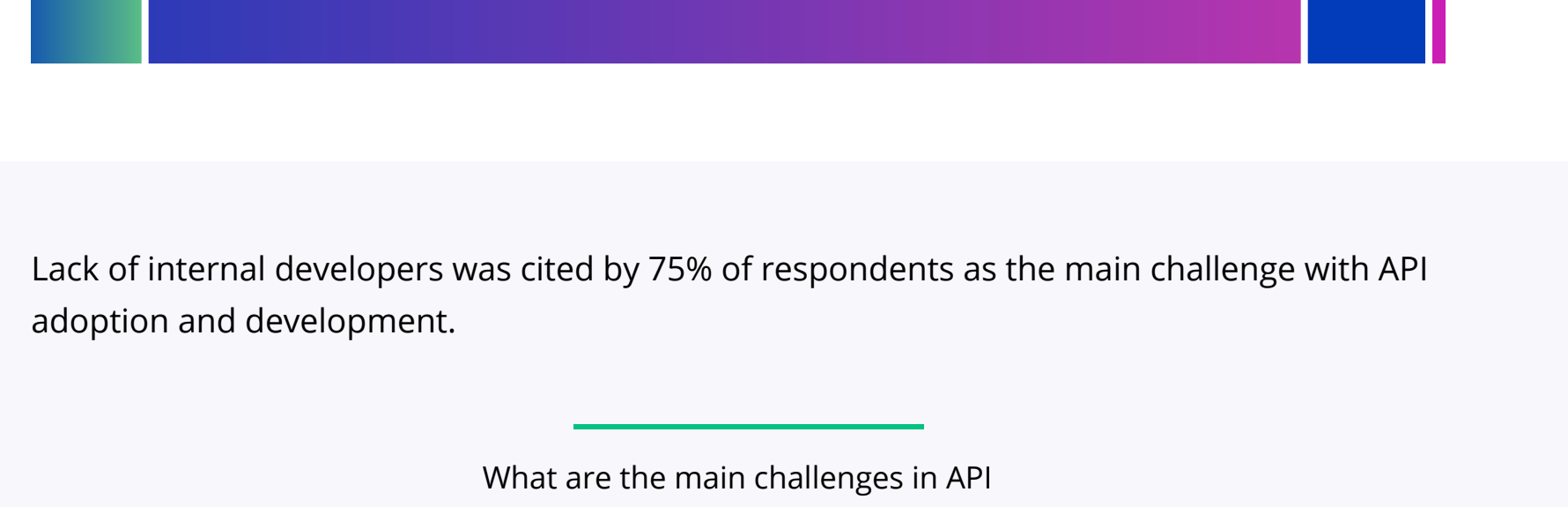
Gartner Peer Insights and Kyriba surveyed 200 IT leaders to learn more about the state of their organization's API portfolio, and current and future trends.

Respondents: 200 IT decision makers

Lacking Internal Developers, IT Leaders Look Externally for APIs to Fit a Wide Array of Use Cases

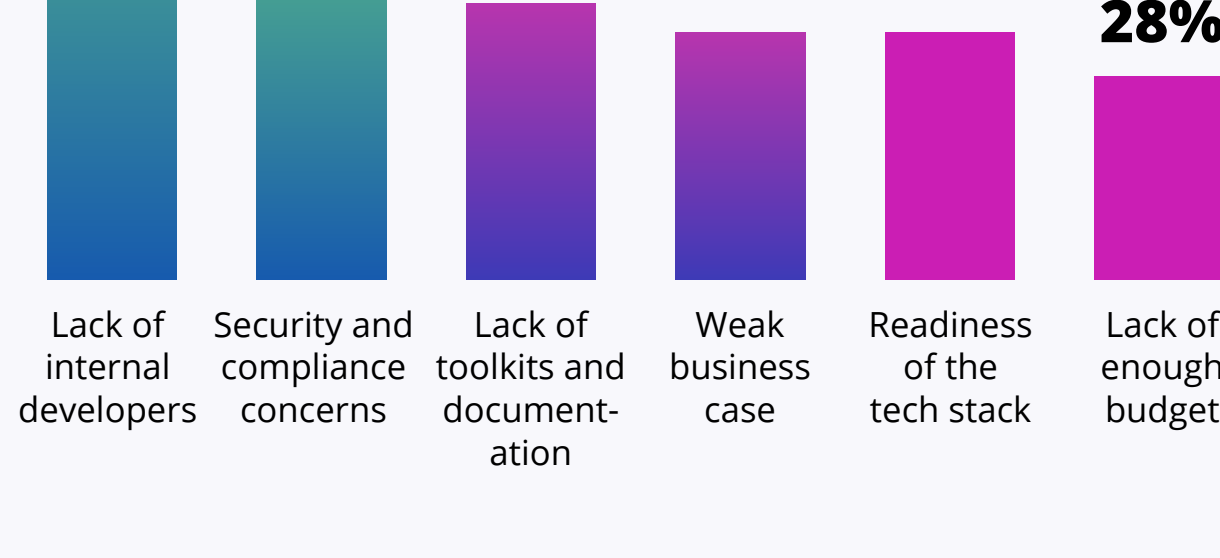
90% of IT and engineering leaders say API development and adoption has increased moderately (82%) or significantly (8%) over the past year.

How has API development and adoption at your organization changed over the past 12 months?



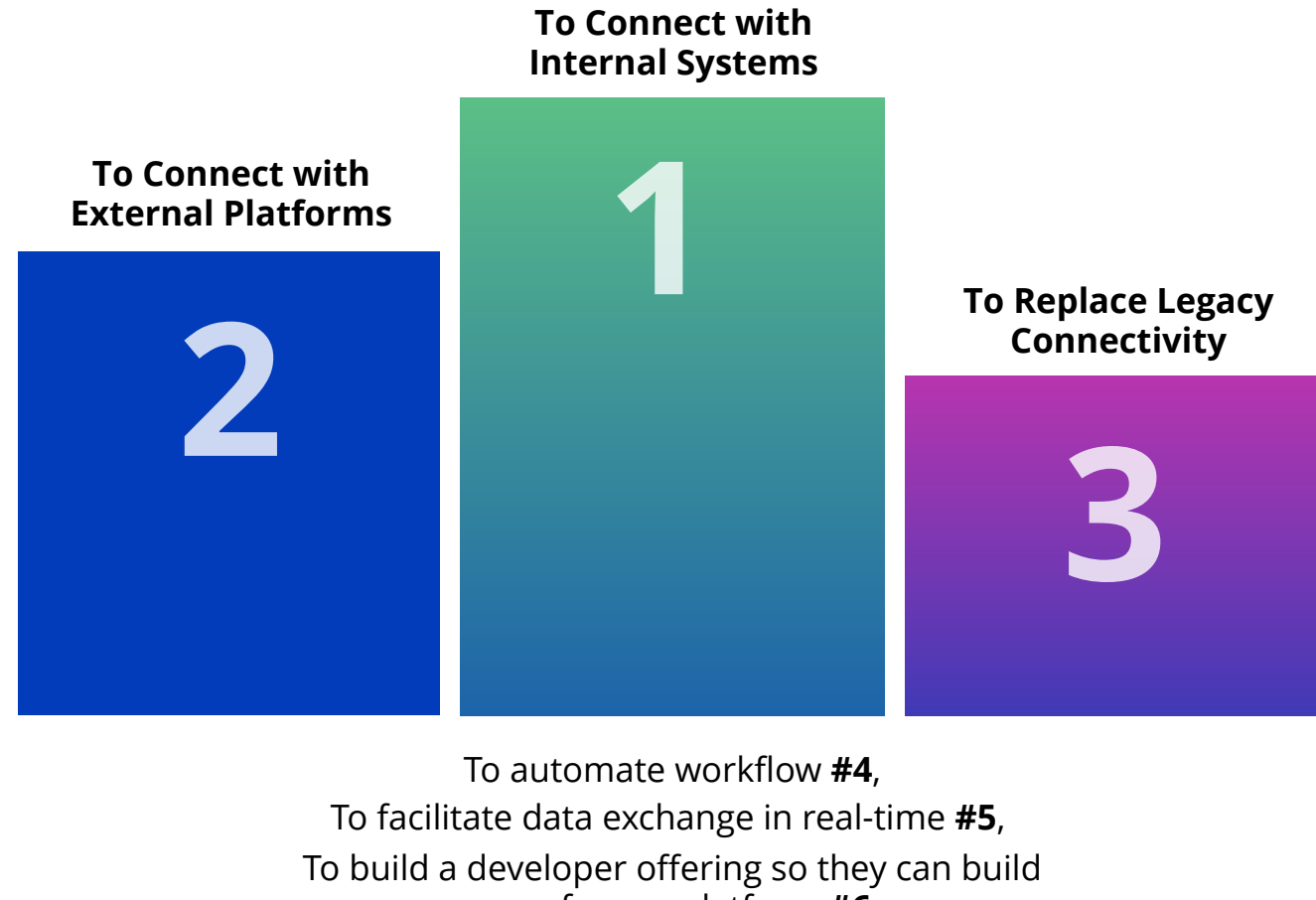
Lack of internal developers was cited by 75% of respondents as the main challenge with API adoption and development.

What are the main challenges in API adoption and development?



Respondents ranked connecting with internal systems as the top use case for organizations developing their own APIs. Connecting to external platforms, and replacing legacy connectivity were ranked second and third respectively.

Please rank the top 3 business use cases for developing your own APIs with the MOST important on top, and LEAST important on the bottom.



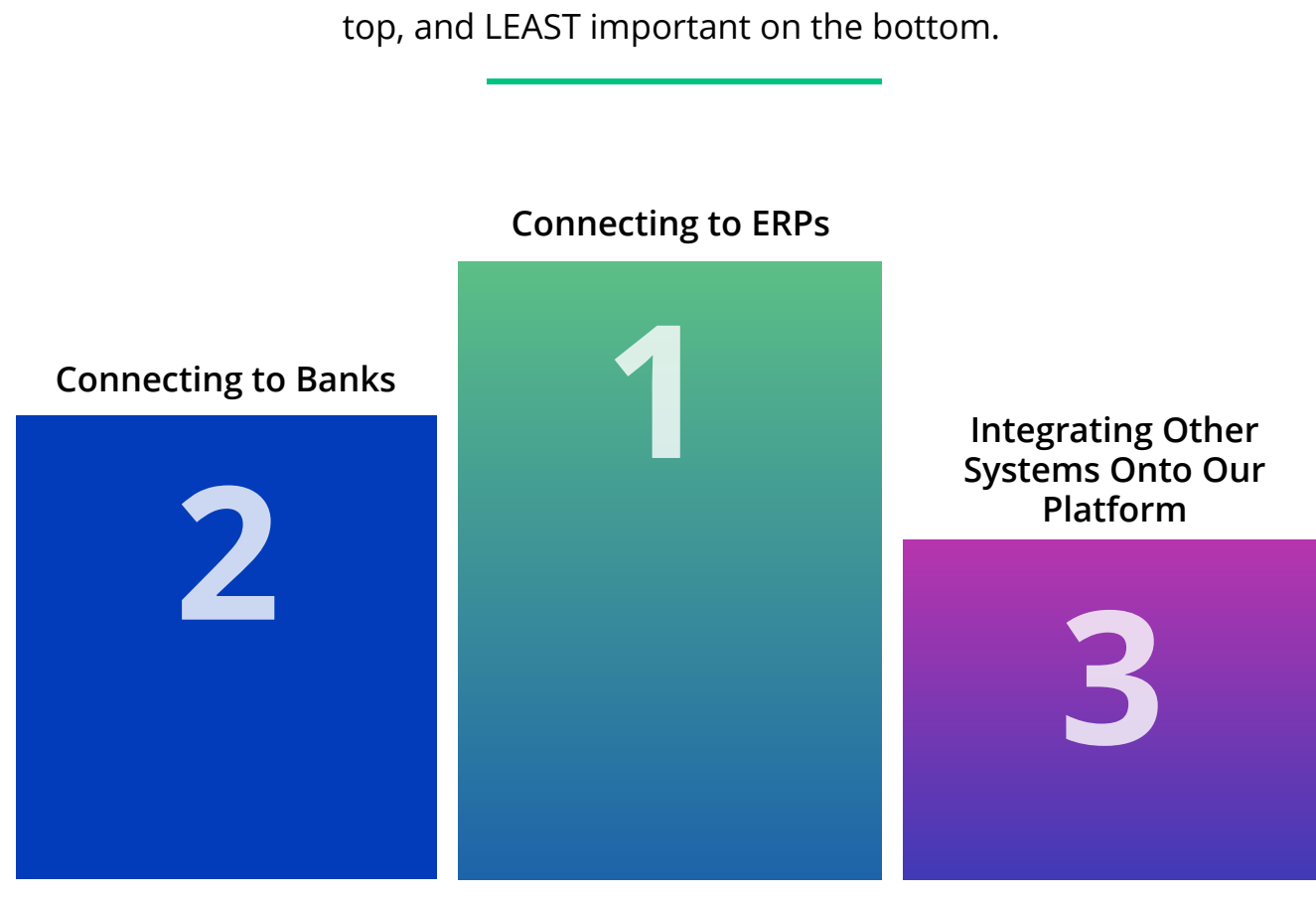
Most respondents (72%) are using external developers/consultants to develop API. 62% of organizations develop APIs using internal developers.

How are you developing APIs?

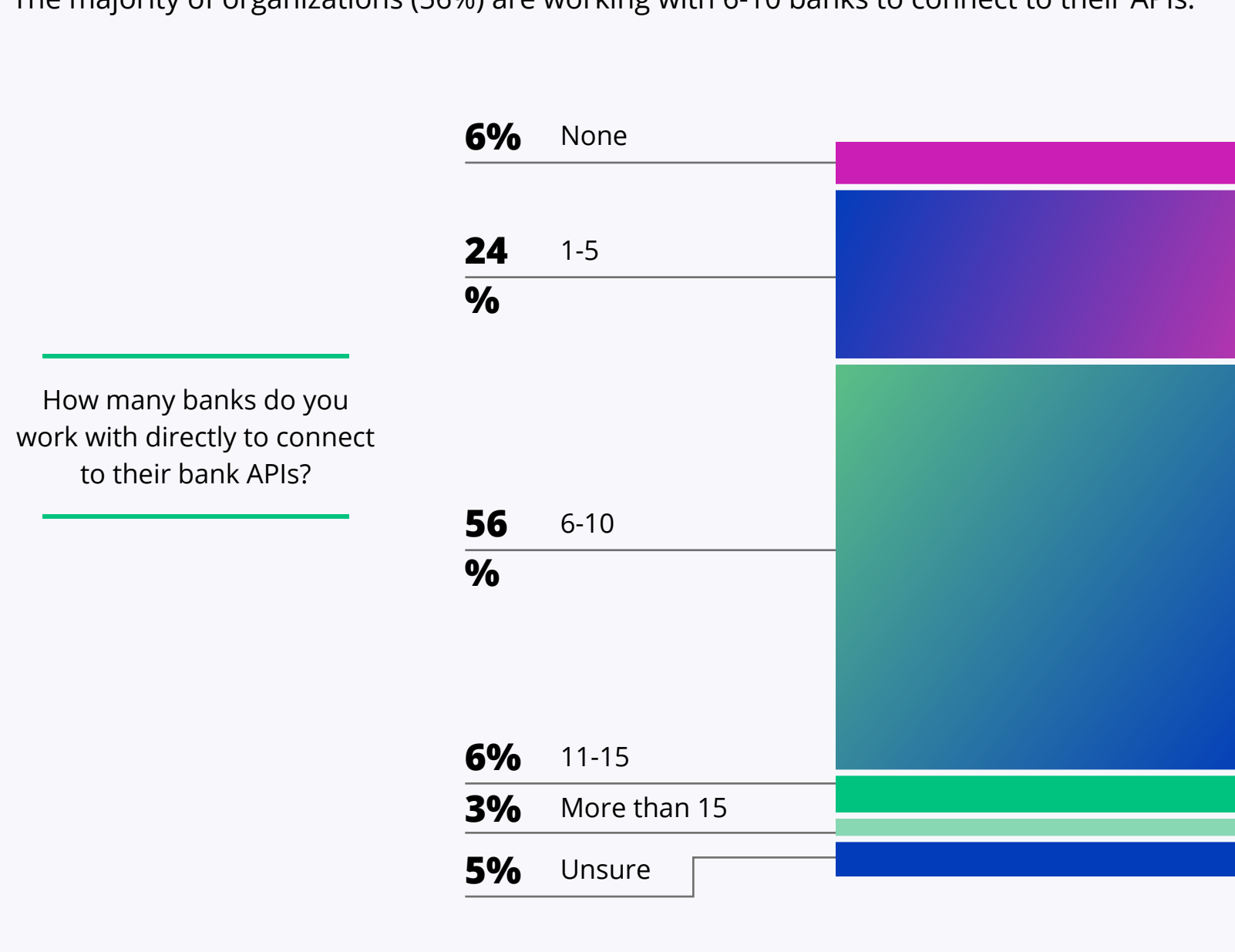


When it comes to adopting external APIs, ERP and bank connection are the top use cases, followed by integrating other systems onto existing platforms.

Please rank the top 3 business use cases for adopting external APIs with the MOST important on top, and LEAST important on the bottom.



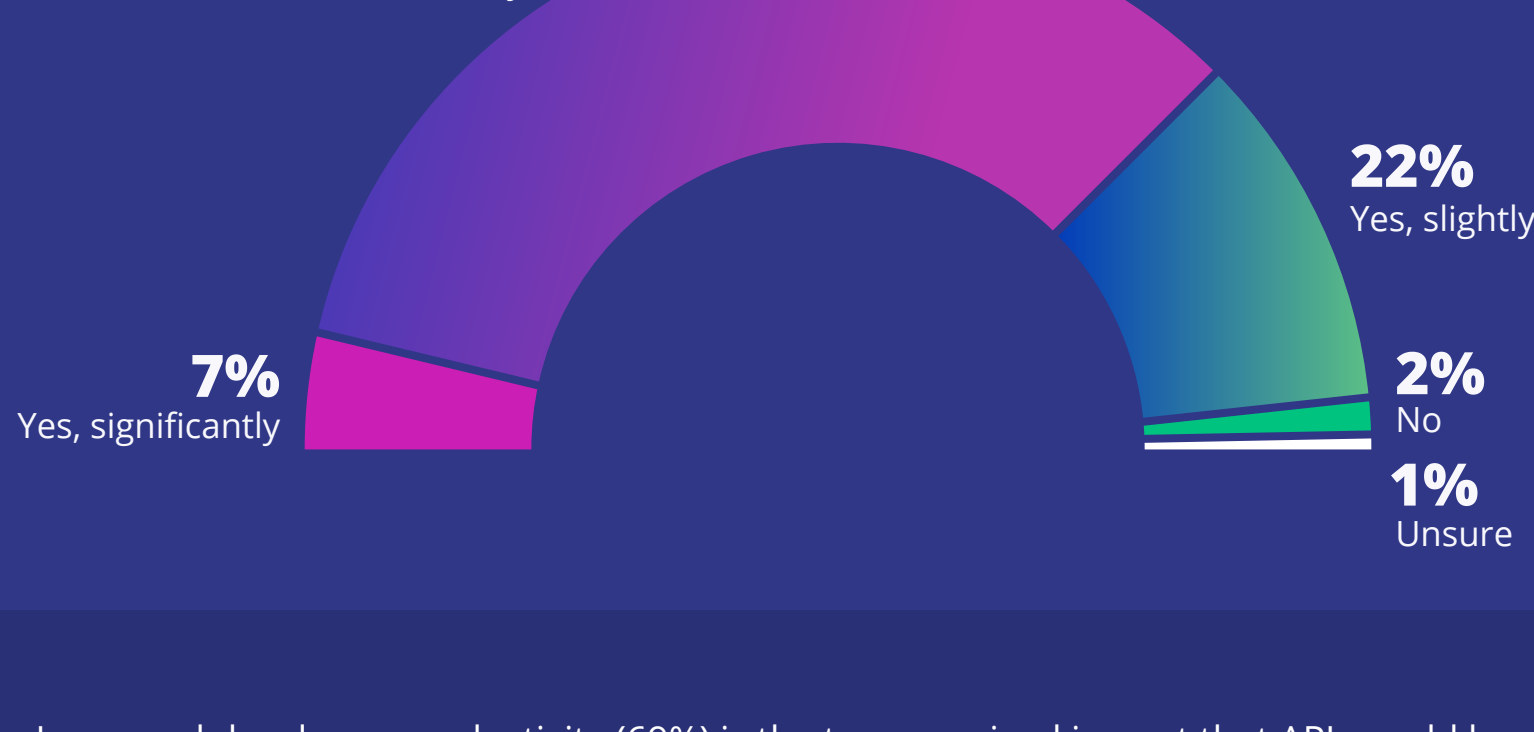
The majority of organizations (56%) are working with 6-10 banks to connect to their APIs.



Anticipating Improved Developer Productivity and Abandoning Legacy Infrastructure, the Majority of Decision Makers Will Grow API Development and Adoption

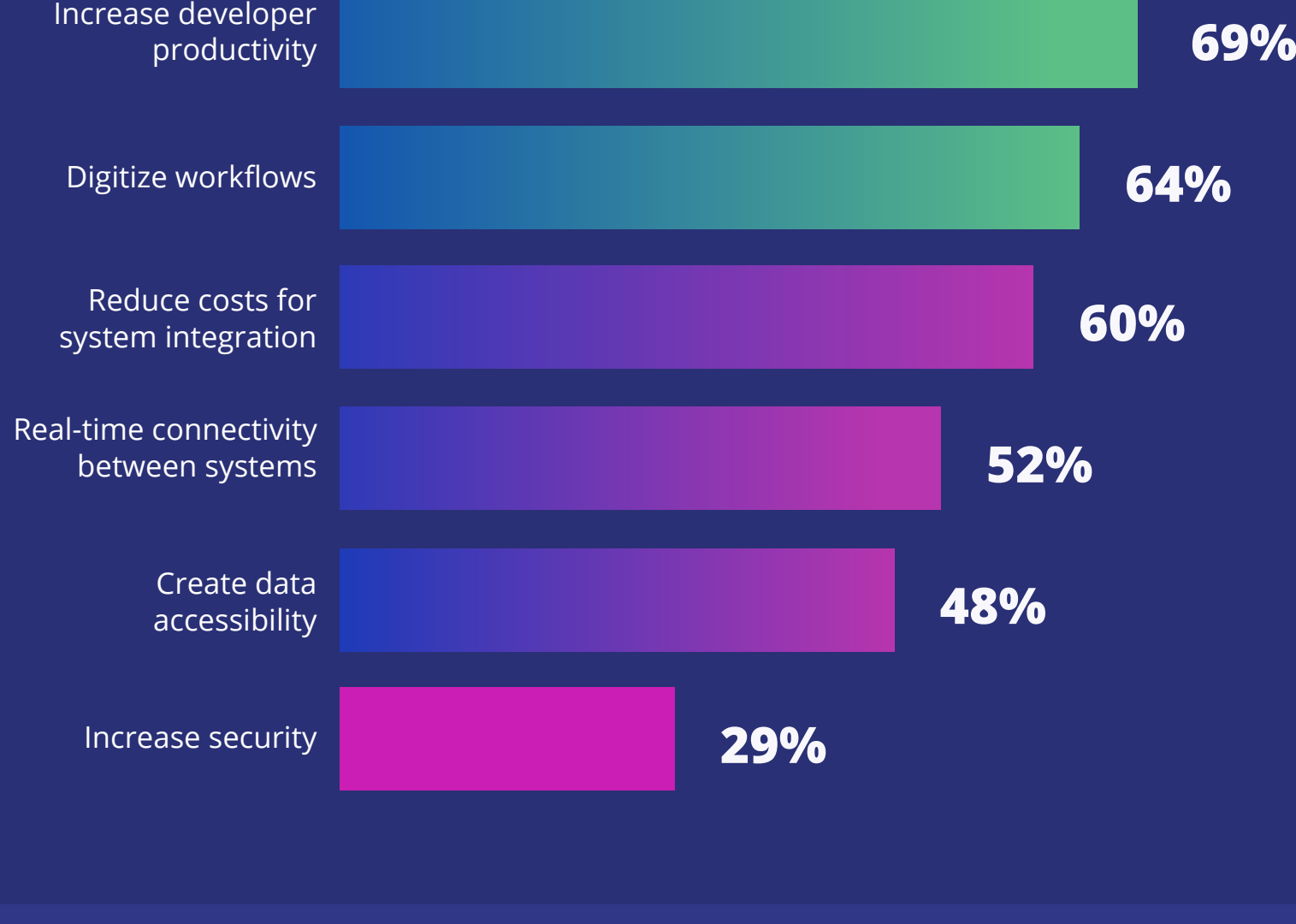
75% of IT leaders say their organizations will expand API development and adoption over the next year moderately (68%) or significantly (7%).

Will your organization expand API development and adoption over the next 12 months?



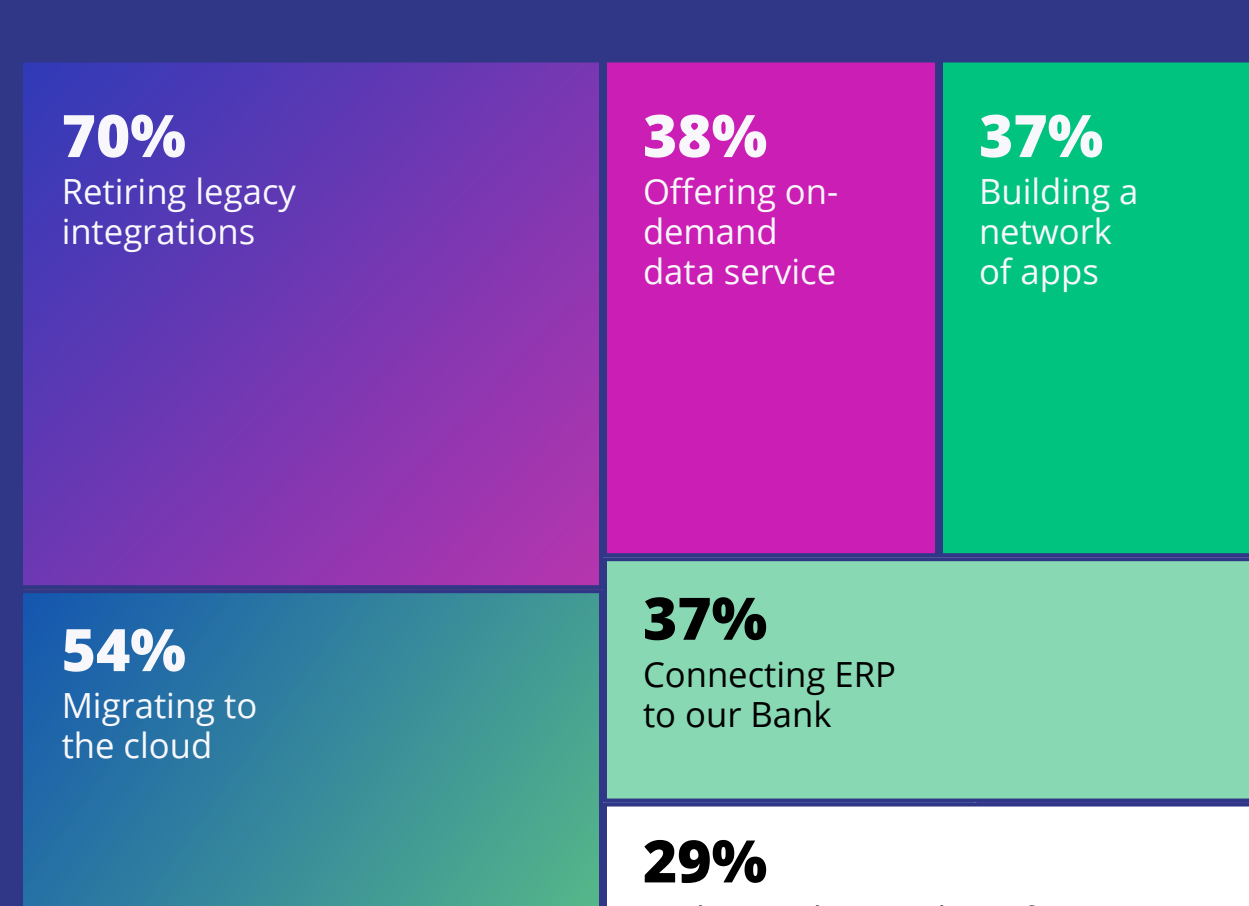
Increased developer productivity (69%) is the top perceived impact that APIs could have on improving IT capabilities.

What impacts could APIs have on improving your IT capabilities?



Leaders cite retiring legacy integrations (70%) and migrating to the cloud (54%) as the top future API use cases in their organizations.

What future use cases do you see for APIs in your organization?

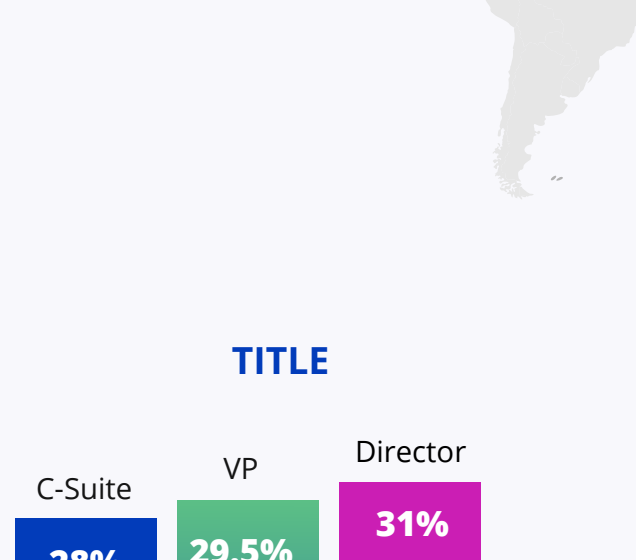


RESPONDENT BREAKDOWN

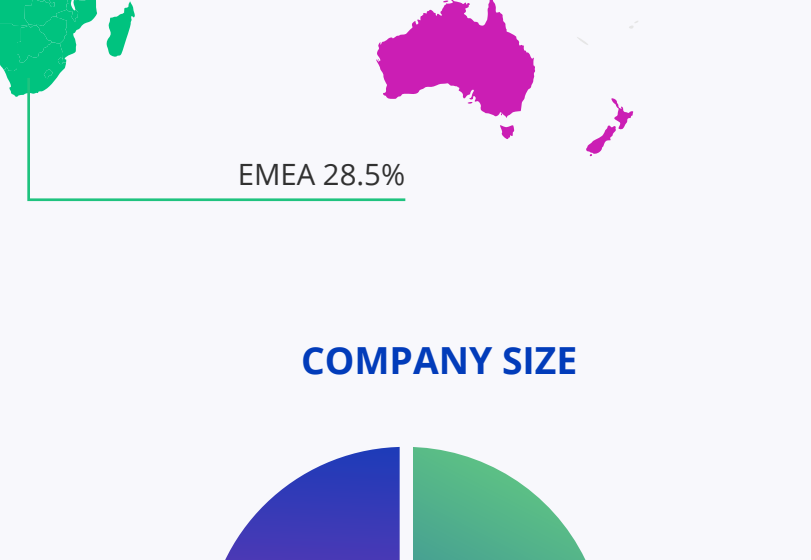
REGION



TITLE



COMPANY SIZE



Data collection: July 6 - August 7, 2022