

# PRIVATE WIRELESS NETWORKS

## Emerging as Key Enablers of Digital Innovation in Life Science Manufacturing



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## Life Science Manufacturers Aspire to Future-Proof Operations Through Digital Transformation

Life science is ahead of many industries in the digital transformation experience but still has significant progress to make.

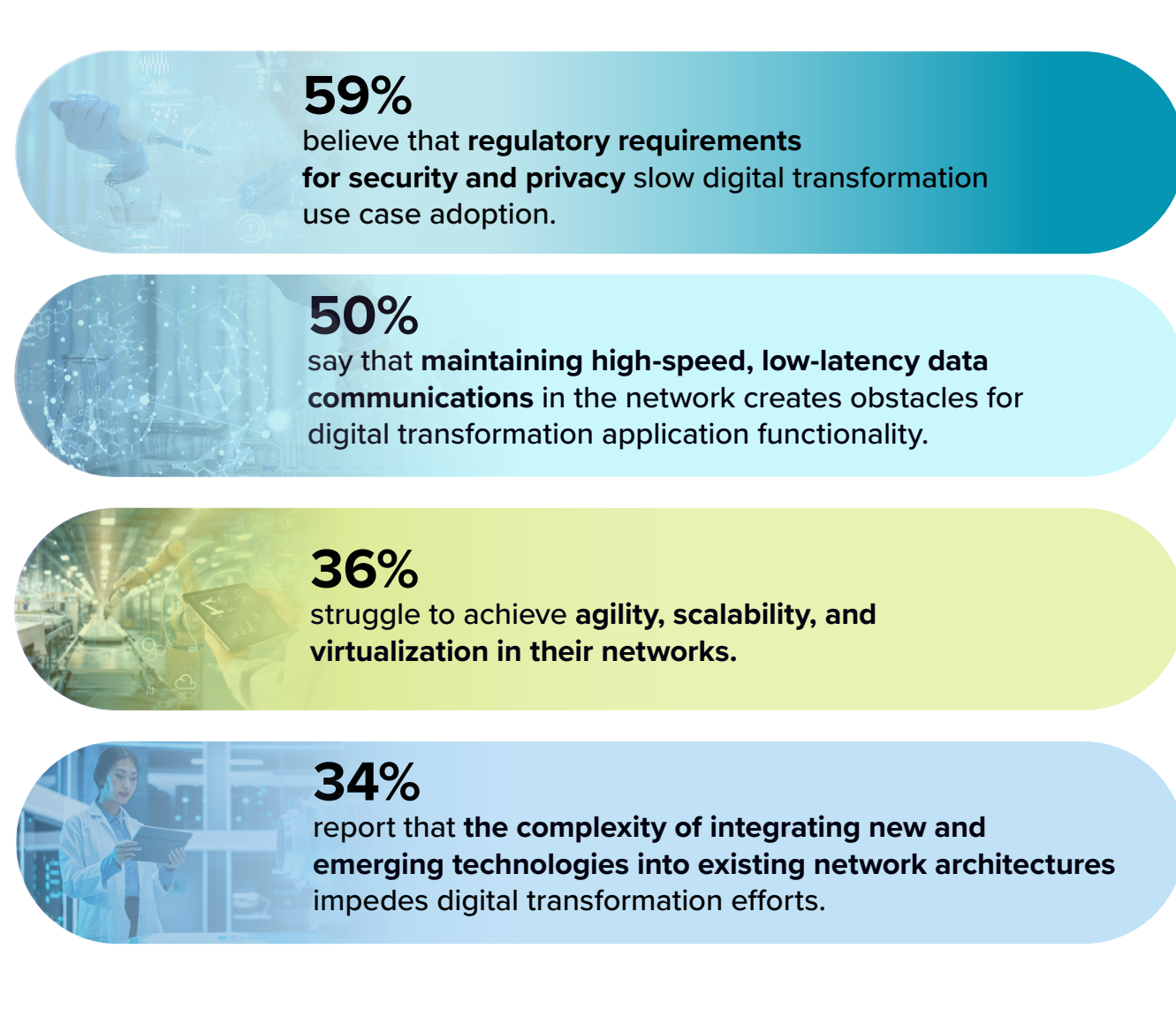


Source: IDC's Digital-Native Business Survey, 2024

## Connectivity Challenges Can Hinder Digital Innovation

Life science manufacturers need agile, secure, high-performing networks and connectivity to realize their digital transformation ambitions.

Life science networking and connectivity challenges:

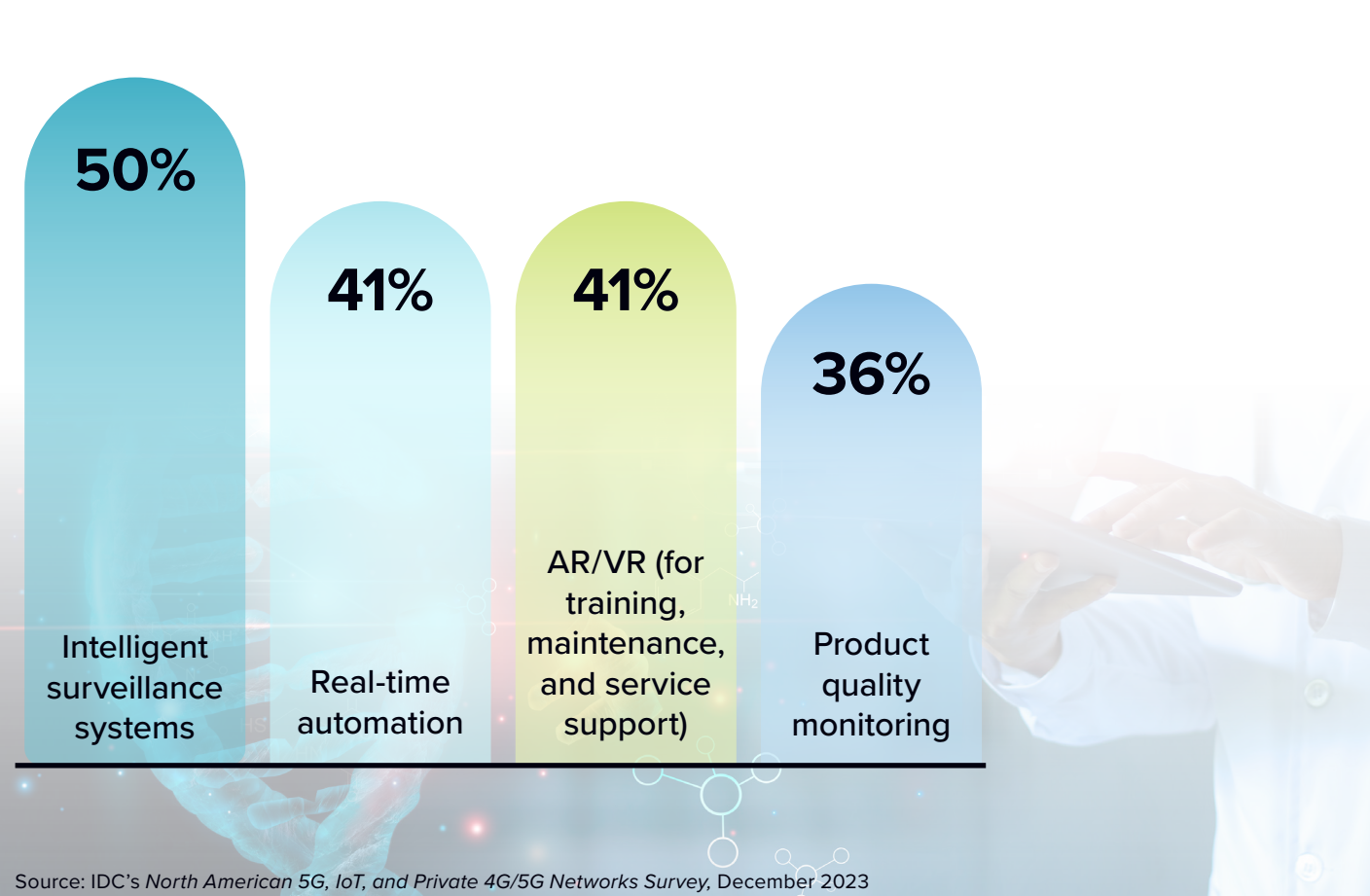


Source: IDC's North American 5G, IoT, and Private 4G/5G Networks Survey, December 2023, and IDC's Future Enterprise Connectivity Survey, August 2024

## Key Digital Use Cases for Life Science Manufacturers

Improving quality, boosting efficiency, and enhancing resiliency are 5G-related priorities.

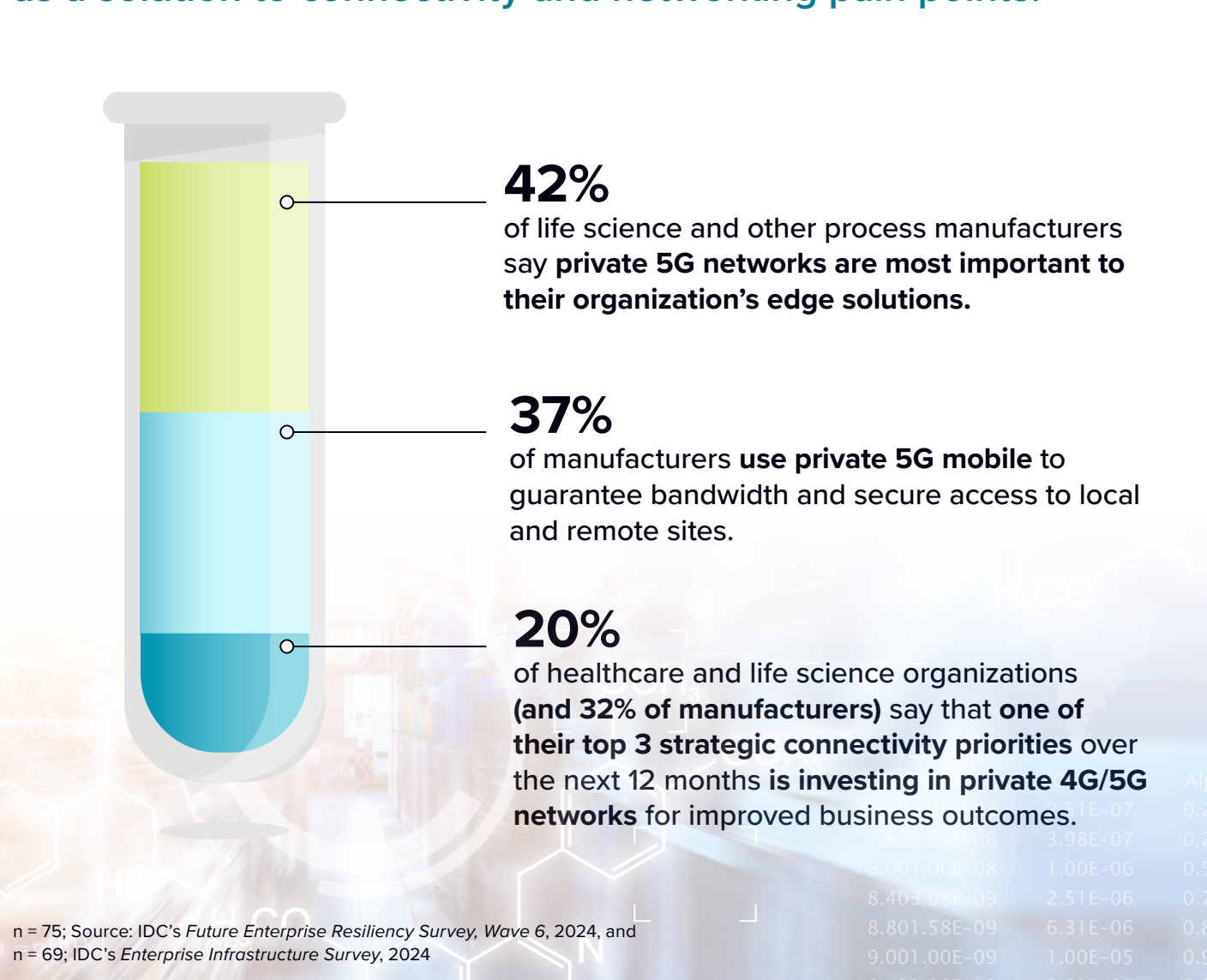
Which of these 5G use cases are most relevant to your organization?



Source: IDC's North American 5G, IoT, and Private 4G/5G Networks Survey, December 2023

## Private 4G/5G Becoming an Essential Strategic Connectivity Priority

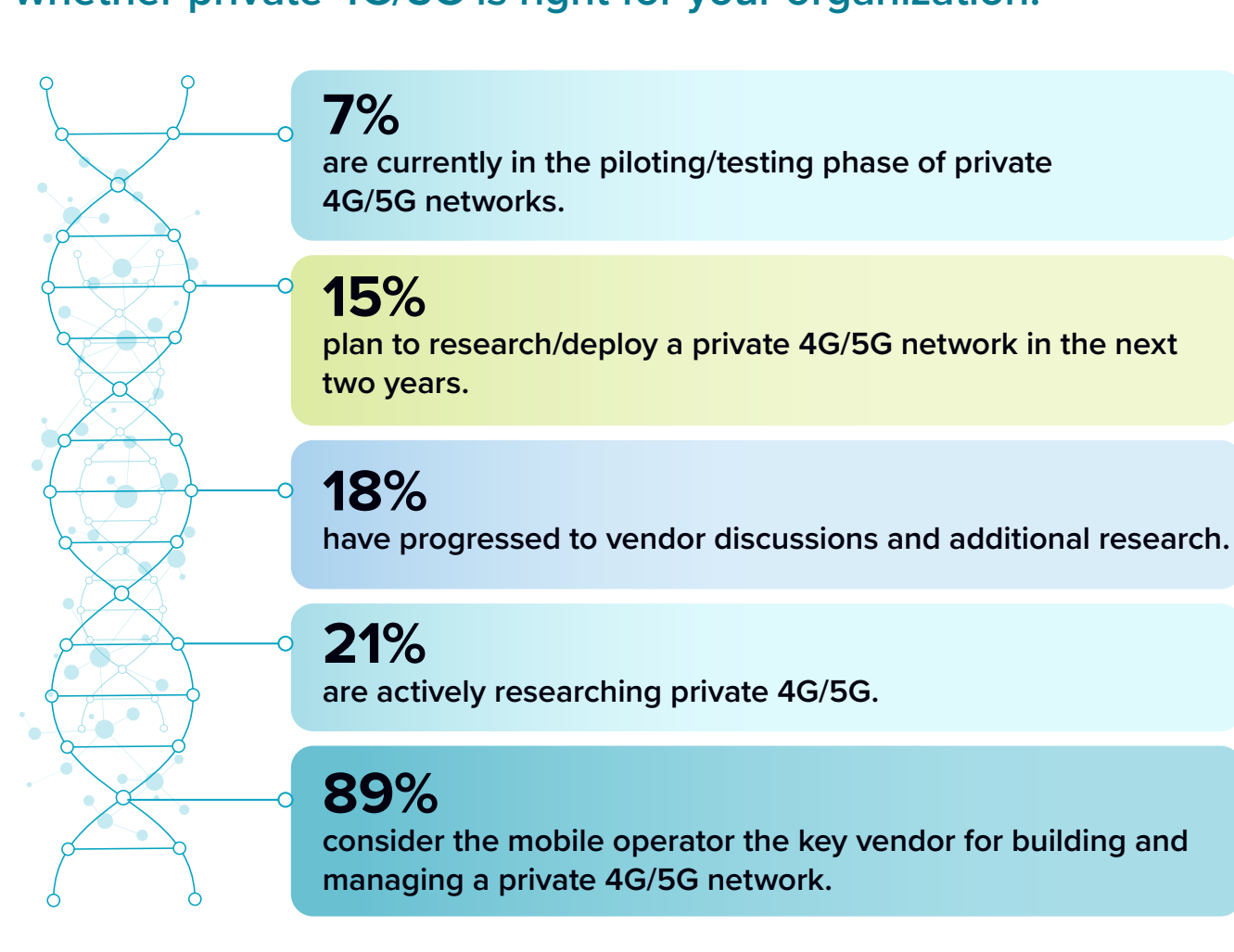
More life science manufacturers see private cellular networks as a solution to connectivity and networking pain points.



n = 75; Source: IDC's Future Enterprise Resiliency Survey, Wave 6, 2024, and n = 69; IDC's Enterprise Infrastructure Survey, 2024

## A Thoughtful, Strategic Approach to Network Transformation Can Make All the Difference

Research and vendor engagement are critical to assessing whether private 4G/5G is right for your organization.



n = 75; Source: IDC's Future Enterprise Resiliency Survey, Wave 6, 2024