

CSPs prepare for the evolving threat landscape

Devices, people and enterprises will be more connected than ever before, with trillions of end points delivering data – all of which need to be secured. With the threat surface growing, are organizations prepared to rise to the security challenge?

Nokia surveyed 100 Telecom security executives in the Pulse community to understand what security threats they worry about the most and how confident they feel in addressing those threats, particularly as the industry embraces both 5G and digital transformation.

Data collected from: August 28-September 18, 2020

Respondents: Telecom security executives

Security executives reflect on how prepared their organizations are to handle security threats

There are several security threats challenging telecom security executives, especially targeted or insider attacks (69%) and the exposure of network vulnerabilities (57%).

What are the three largest security threats currently affecting your organization?



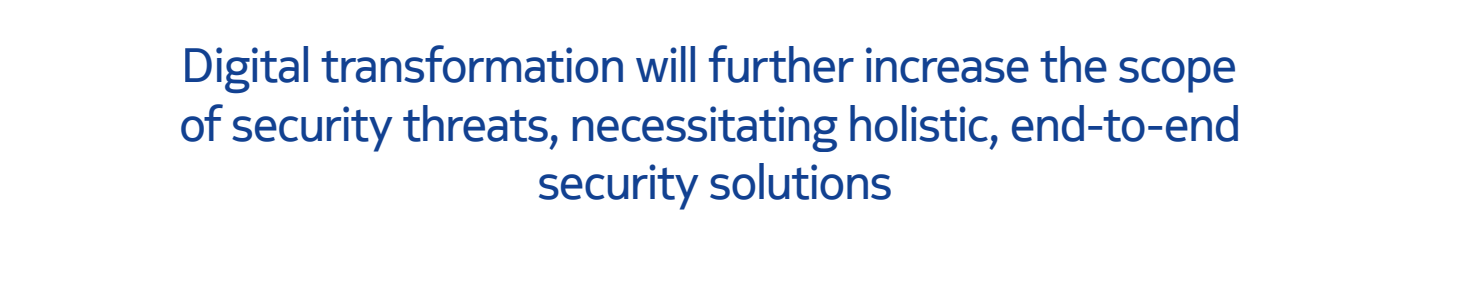
No respondents said they were completely equipped to deal with these security threats. 93% of respondents realize that their organizations are only slightly or moderately equipped, while only 7% claim they're mostly prepared.

To what extent do you believe your organization is equipped to address these security threats?



Having access to expertise builds confidence in dealing with security threats. But, 99% of security executives say that, as security becomes more challenging, they're having difficulty recruiting necessary talent to protect their organizations.

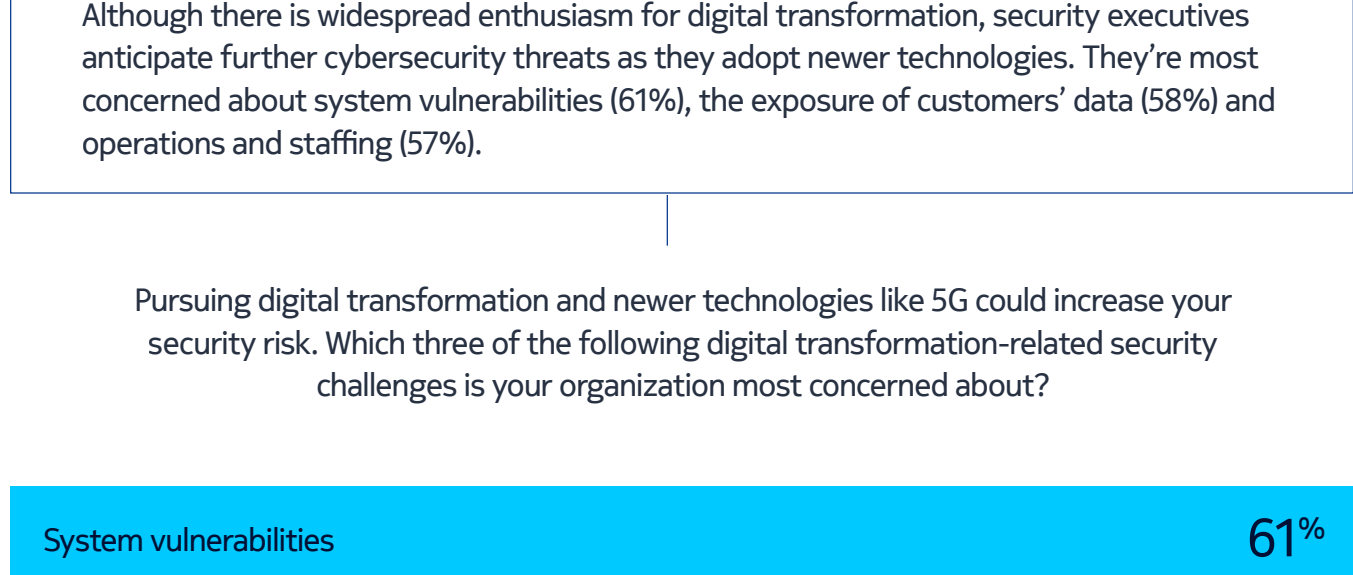
As cybersecurity becomes more complex and the threat surface widens, how much is your organization struggling with recruiting required security skill sets?



Digital transformation will further increase the scope of security threats, necessitating holistic, end-to-end security solutions

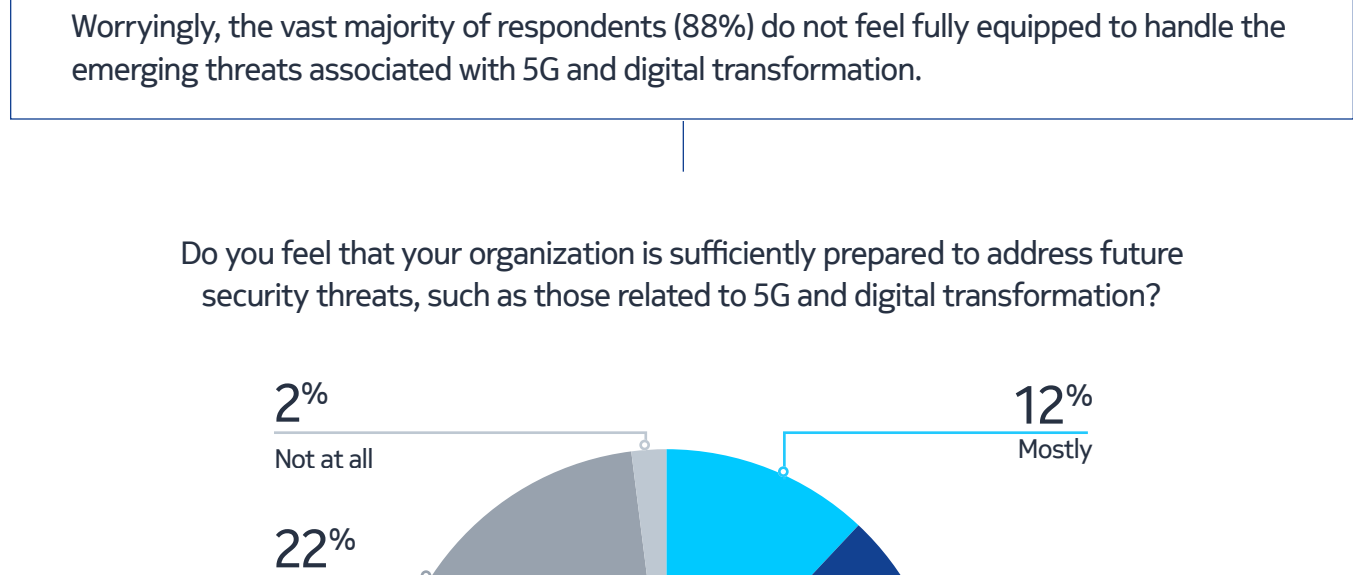
Nearly all respondents (99%) are prioritizing digital transformation to some extent within their organization.

How high a priority is digital transformation—including the adoption of newer technologies like 5G—at your organization?



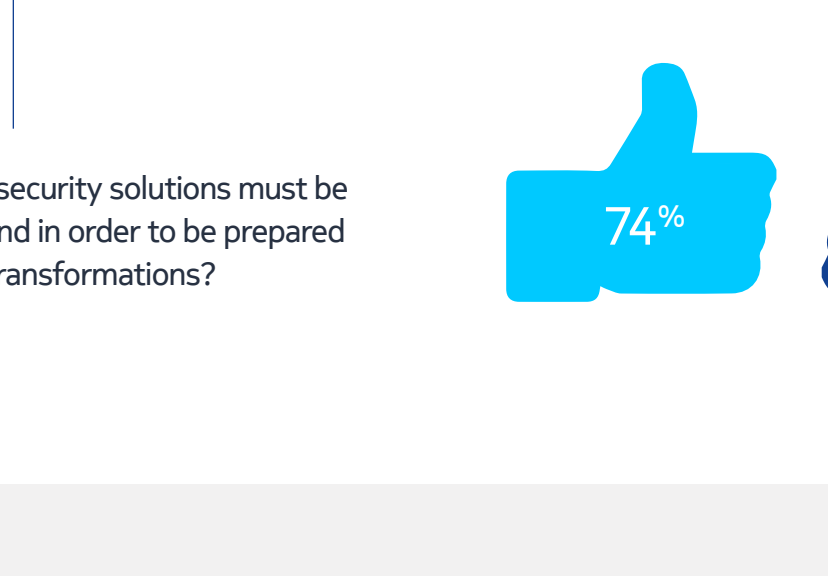
Although there is widespread enthusiasm for digital transformation, security executives anticipate further cybersecurity threats as they adopt newer technologies. They're most concerned about system vulnerabilities (61%), the exposure of customers' data (58%) and operations and staffing (57%).

Pursuing digital transformation and newer technologies like 5G could increase your security risk. Which three of the following digital transformation-related security challenges is your organization most concerned about?



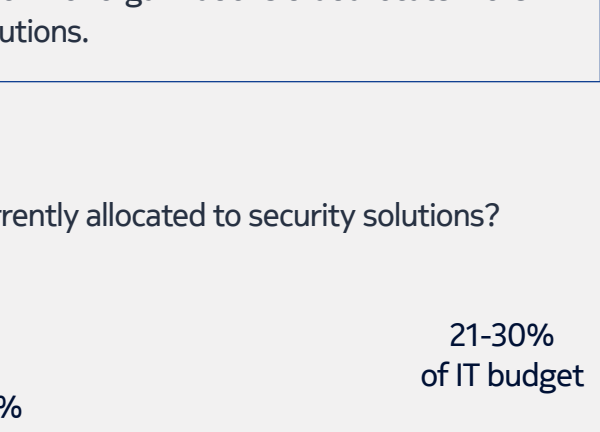
Worryingly, the vast majority of respondents (88%) do not feel fully equipped to handle the emerging threats associated with 5G and digital transformation.

Do you feel that your organization is sufficiently prepared to address future security threats, such as those related to 5G and digital transformation?



Most respondents (74%) also agree it's important that security solutions are end-to-end, particularly as they adopt digital technologies, including 5G.

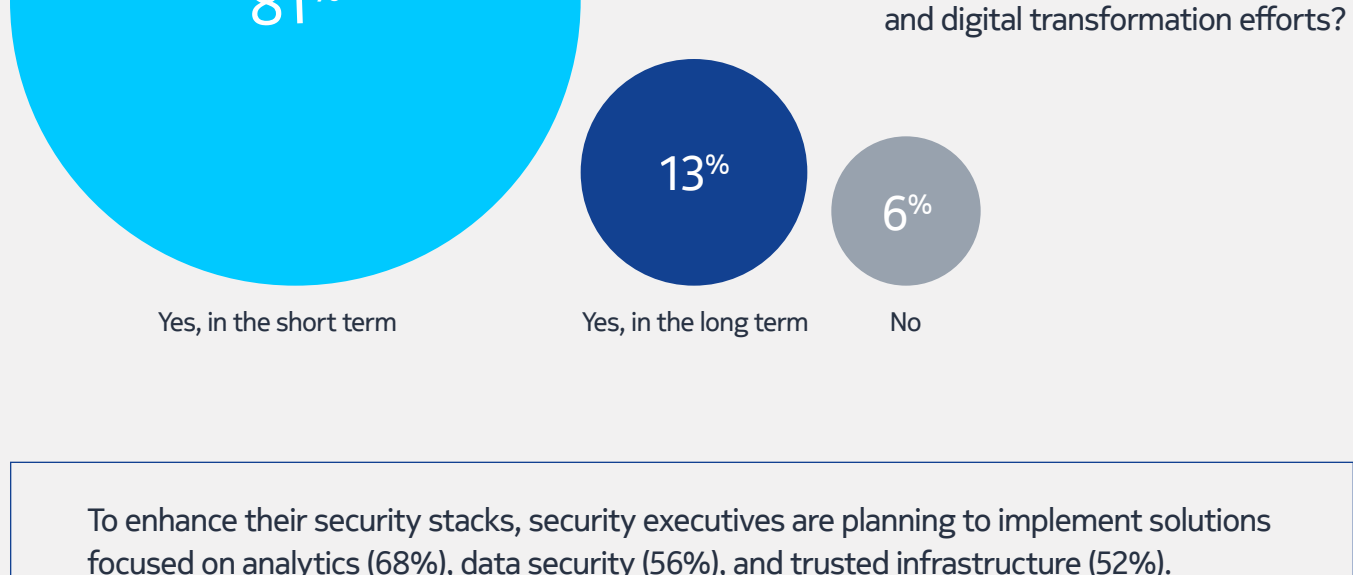
Do you agree that security solutions must be designed end-to-end in order to be prepared for 5G and digital transformations?



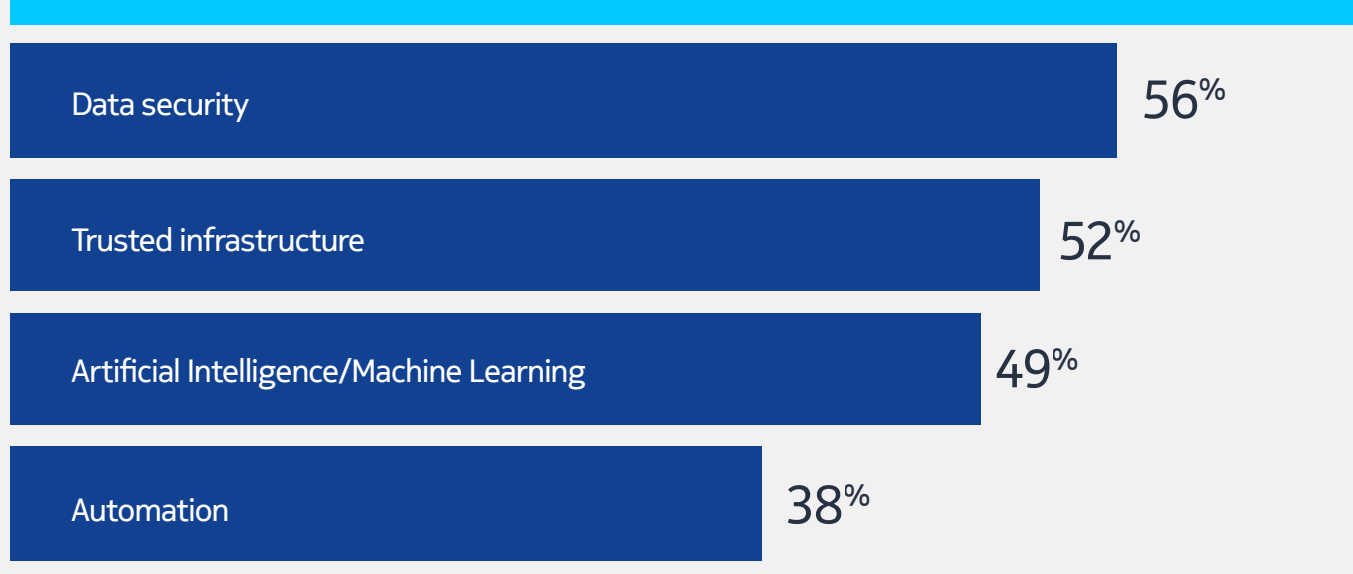
Increasing investments will be made to address current and emerging security threats

Right now, more than 80% of security executives work for organizations that allocate more than 10% of their IT budgets to various security solutions.

How much of your organization's IT budget is currently allocated to security solutions?

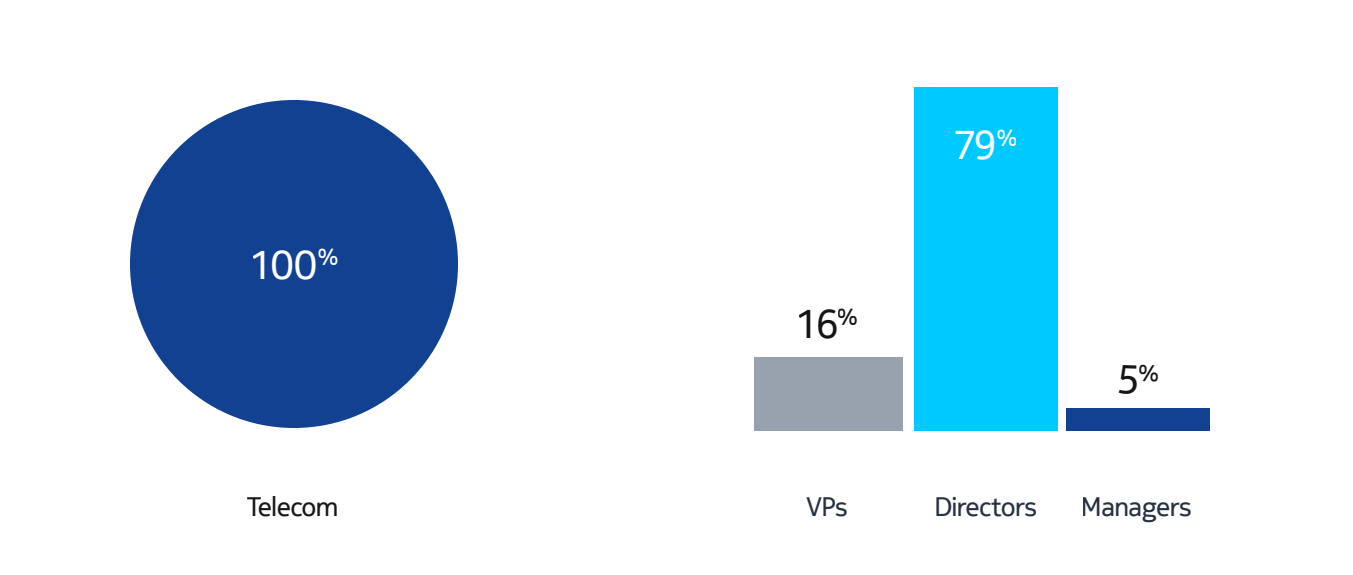


As these security executives prepare for emerging technologies and their associated security risks, 81% are planning to make immediate investment increases in their security stack.



To enhance their security stacks, security executives are planning to implement solutions focused on analytics (68%), data security (56%), and trusted infrastructure (52%).

Which of the following security solutions are you planning to implement to support 5G and digital transformation?



Respondent Breakdown

Participants in this survey come from small, medium and large enterprises in countries all over the world.

To learn more about end-to-end security, visit our [website](#).