

# The art of software THE NEW ROUTE TO VALUE

**CREATION ACROSS INDUSTRIES** 

### Software is redefining the future of organizations – their competitive advantage and the markets they operate in



Source: Capgemini Research Institute, Software-driven transformation survey, June-July 2023, N = 1,500 organizations.

The imperative of software adoption has driven organizations to transform themselves into software companies

One in four organizations from traditional sectors already considers itself to be a 'software' company\*



\*By "being a software company," we mean that organizations are reconstructing their business models around software and, in doing so, transforming their business processes, organizational structures, and revenue models.

Source: Capgemini Research Institute, Software-driven transformation survey, June-July 2023, N = 1,500 organizations.

#### More than one-third of software investments focus on product or services engineering



#### SOFTWARE INVESTMENTS, SPLIT BY FUNCTIONAL AREA

Source: Capgemini Research Institute, Software-driven transformation survey, June-July 2023, N = 1,500 organizations.

#### In the next 12 months, organizations expect 1 in 5 lines of code to be generated with assistance from Generative AI

#### % OF CODE GENERATED THROUGH ASSISTANCE FROM GENERATIVE AI



Note: "Currently" represent as of survey date, next 12 months or next 3 years are from the survey date. Source: Capgemini Research Institute, Software-driven transformation survey, June-July 2023, N = 1,500 organizations.

### Successful transformation has immense revenue potential – quadrupling by 2030

Organizations' software-based revenue as a share of total revenue is expected to grow to around 30 percent by 2030

#### SOFTWARE AND DIGITAL SOLUTIONS REVENUE AS A % OF TOTAL ORGANIZATIONAL REVENUE



Source: Capgemini Research Institute, Software-driven transformation survey, June-July 2023, N = 1,350 organizations that have/are building a strategy to become a software-driven organization, with a focus on software-defined products/services.

## Several organizations have already realized significant software-driven benefits

#### % OF ORGANIZATIONS THAT HAVE ALREADY REALIZED SOFTWARE-DRIVEN BENEFITS



Source: Capgemini Research Institute, Software-driven transformation survey, June-July 2023, N = 1,350 organizations that have/are building a strategy to become a software-driven organization, focusing on software-defined products/services.

### How to realize a successful software-driven transformation

#### Most organizations are in the early stages of their softwaredriven transformations

#### MATURITY OF SOFTWARE-DRIVEN TRANSFORMATION IN PRODUCTS/SERVICES



Source: Capgemini Research Institute, Software-driven transformation survey, June-July 2023, N = 1,350 organizations that have/are building strategies to focus on software-defined products/services.



Source: Capgemini Research Institute analysis.

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