

E-MATERI



YAYASAN
PENDIDIKAN
INTERNAL AUDIT



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Internal

BUILDING RESILIENCE IN **TUNA** WORLD:

“Control Your Future
or Someone Else Will”

HOTEL TENTREM YOGYAKARTA

5-6 JULI 2023

KONFERENSI & WISUDA YPIA



PERTAMINA



PLN



Cyber Security and Digital Transformation

Implementing Smarter, Safer, and Stronger Cybersecurity in Digital Business

Fetri Miftach

Jogjakarta, Juli 2023

Why Digital Transformation



Innovation

- Emerging Technology
- Collaboration



Customer Influence

- Customer Behavior



Competition

- FOMO 😊
- Efficiency



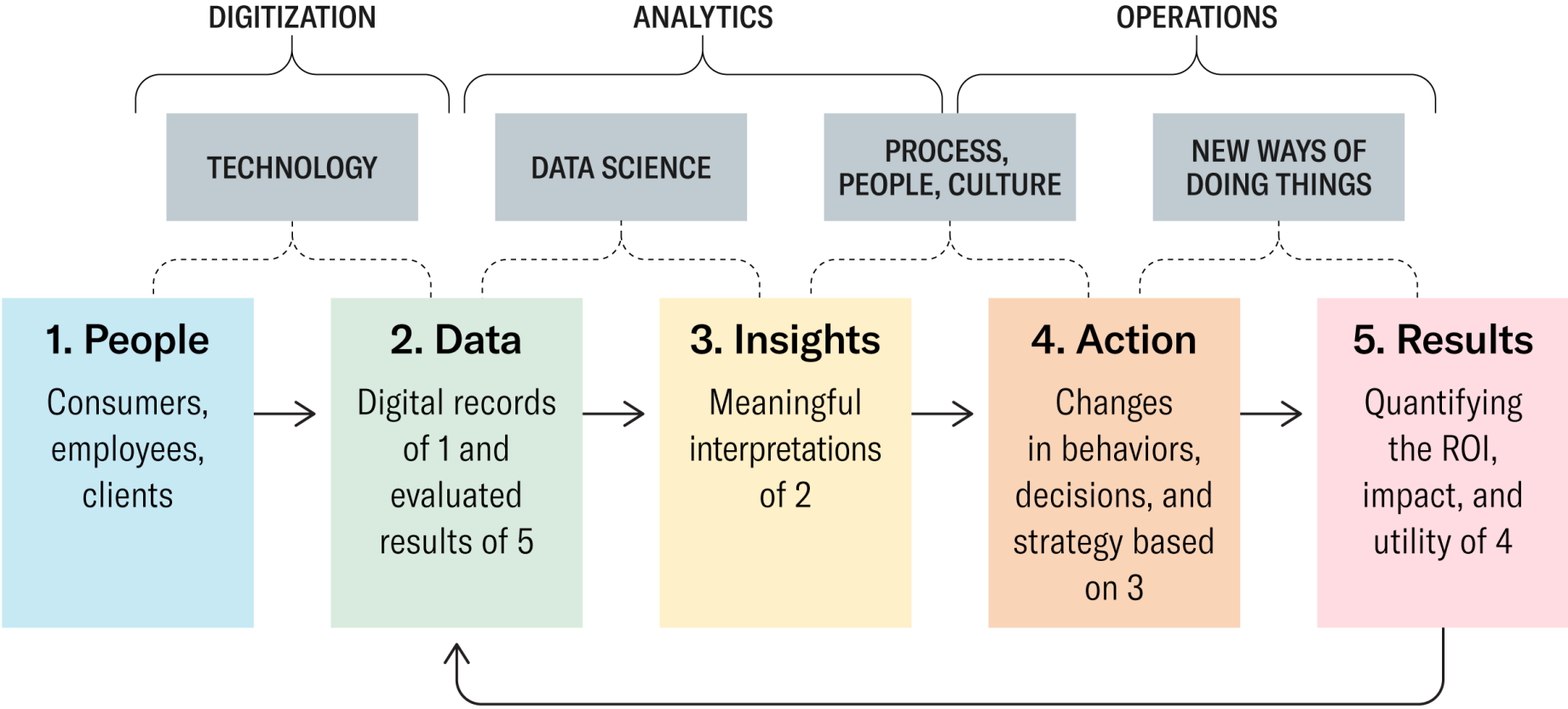
External Constraints

- COVID, Economic Downturn
- Resilience

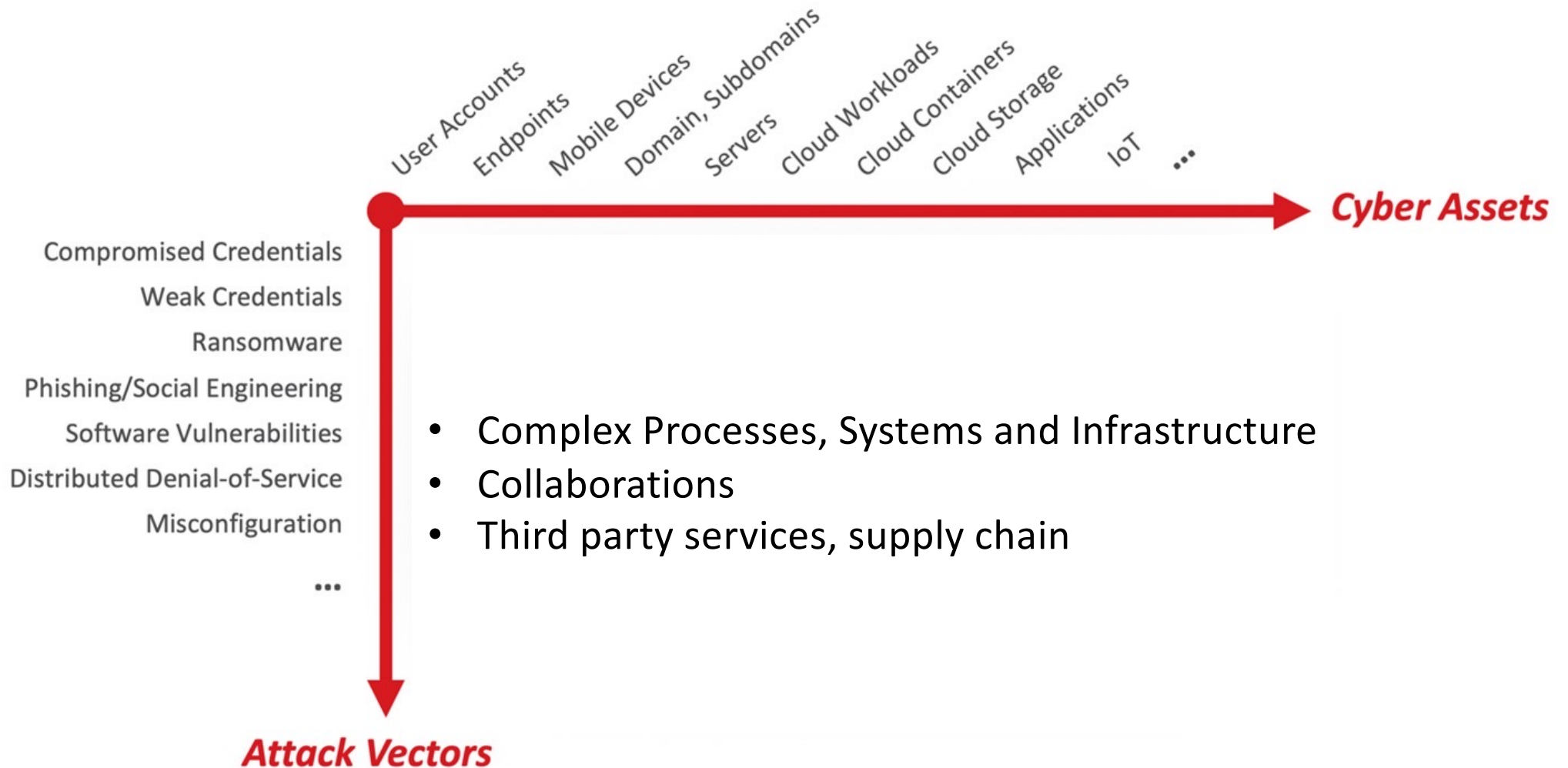


The 5 Essential Components of a Digital Transformation

Mapping the journey to becoming a data-centric organization.



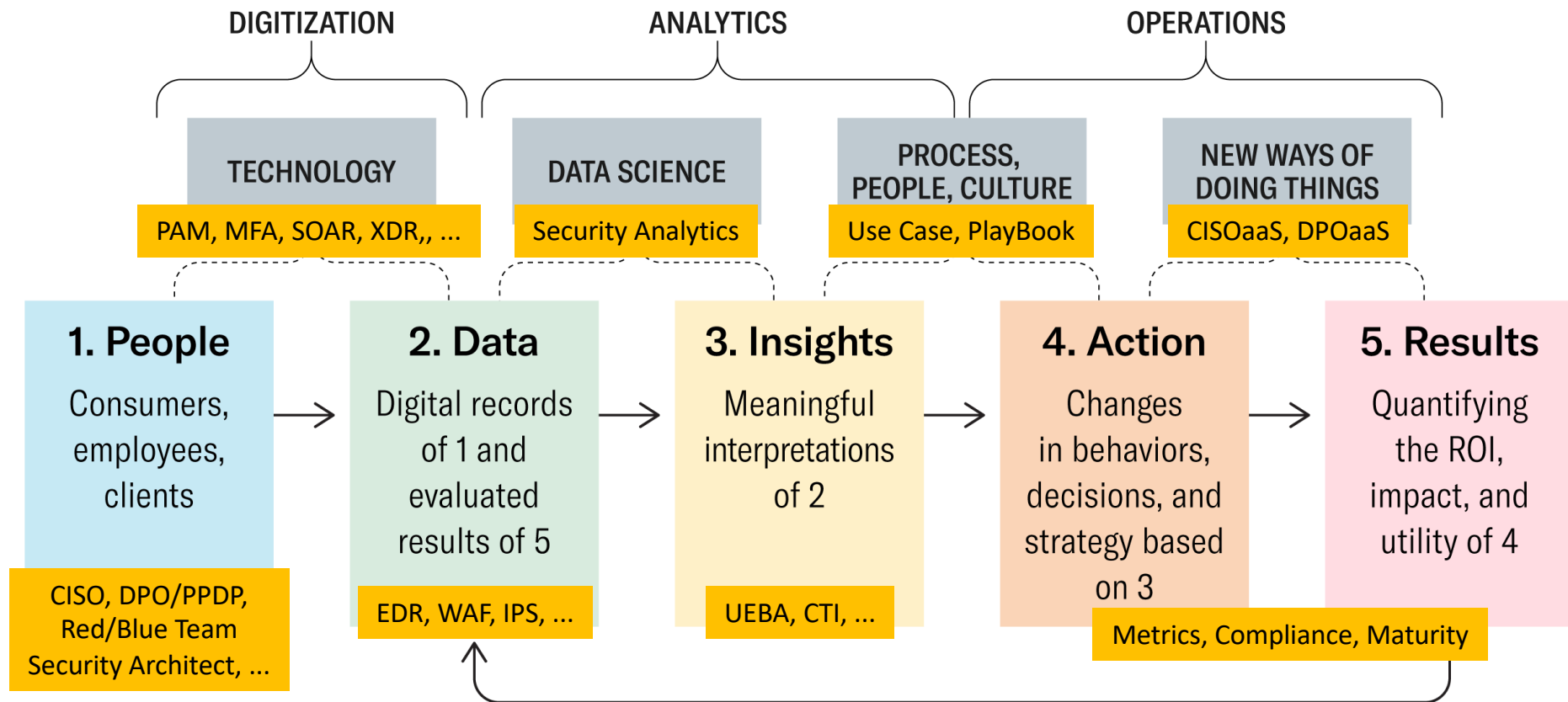
Digital Attack Surface



The 5 Essential Components of a Digital Transformation

and their Security Implications

Mapping the journey to becoming a data-centric organization.



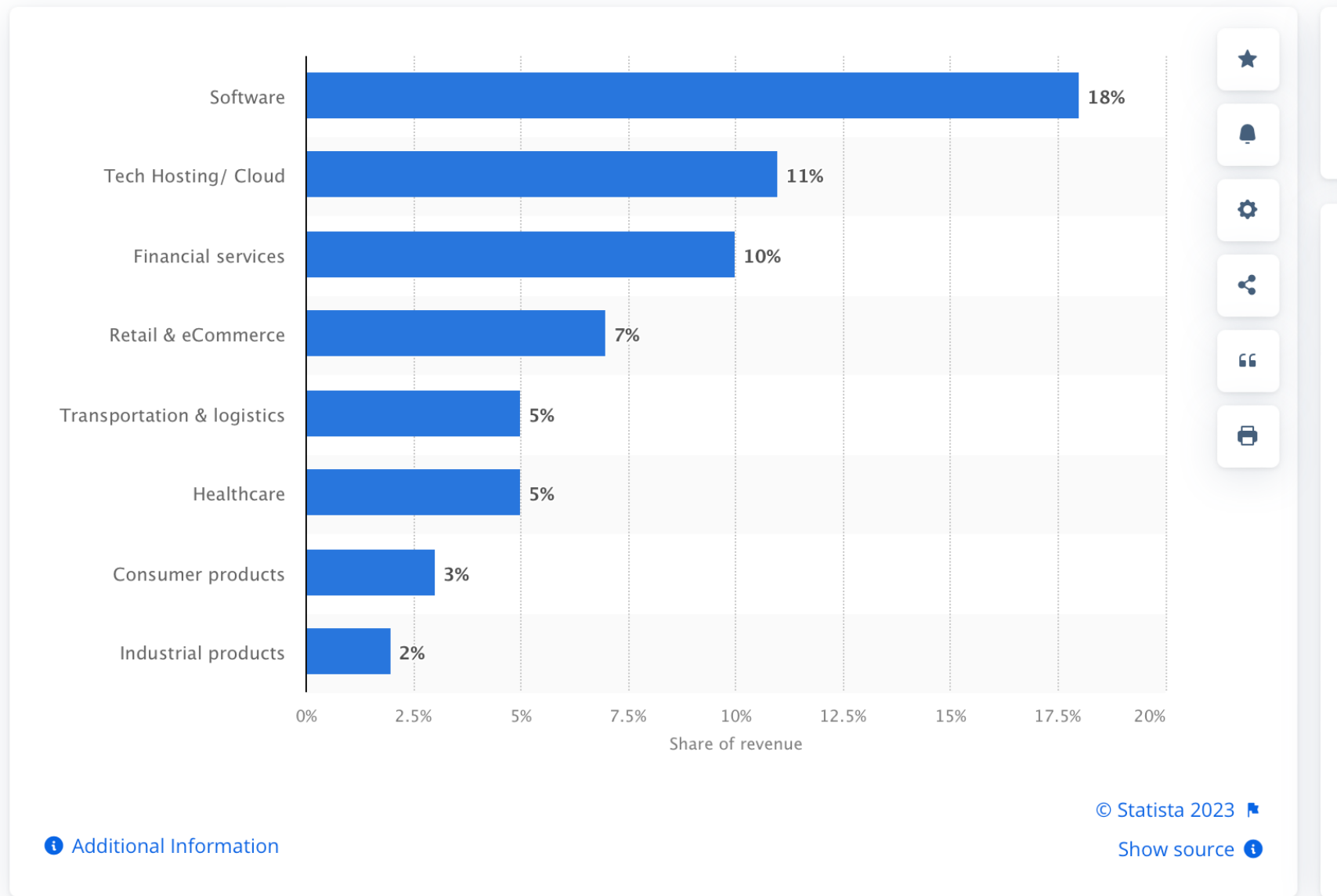


DOES MORE CYBER SPENDING MEAN MORE CYBER SECURITY?



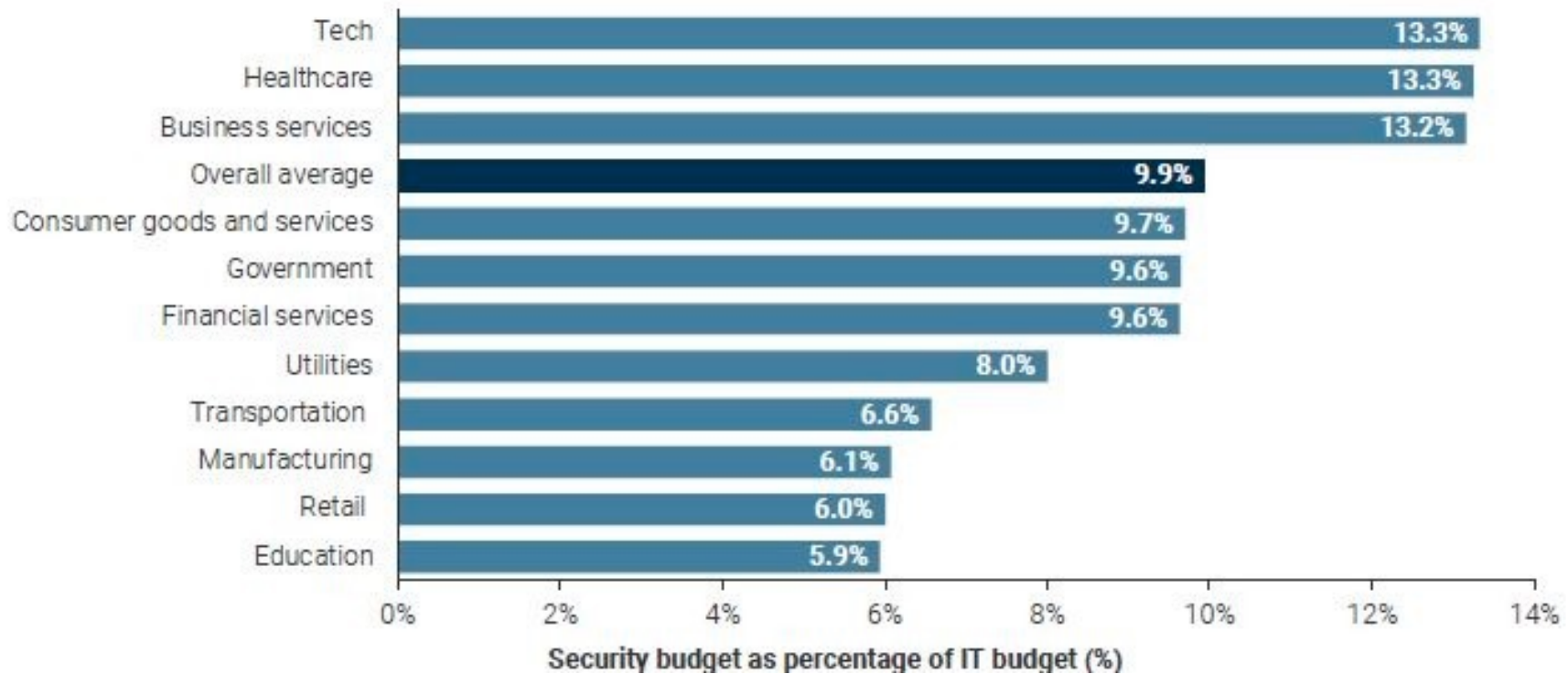
<https://thehackernews.com/2023/02/cybersecurity-budgets-are-going-up-so.html>

IT spending as share of company revenue in 2022, by industry

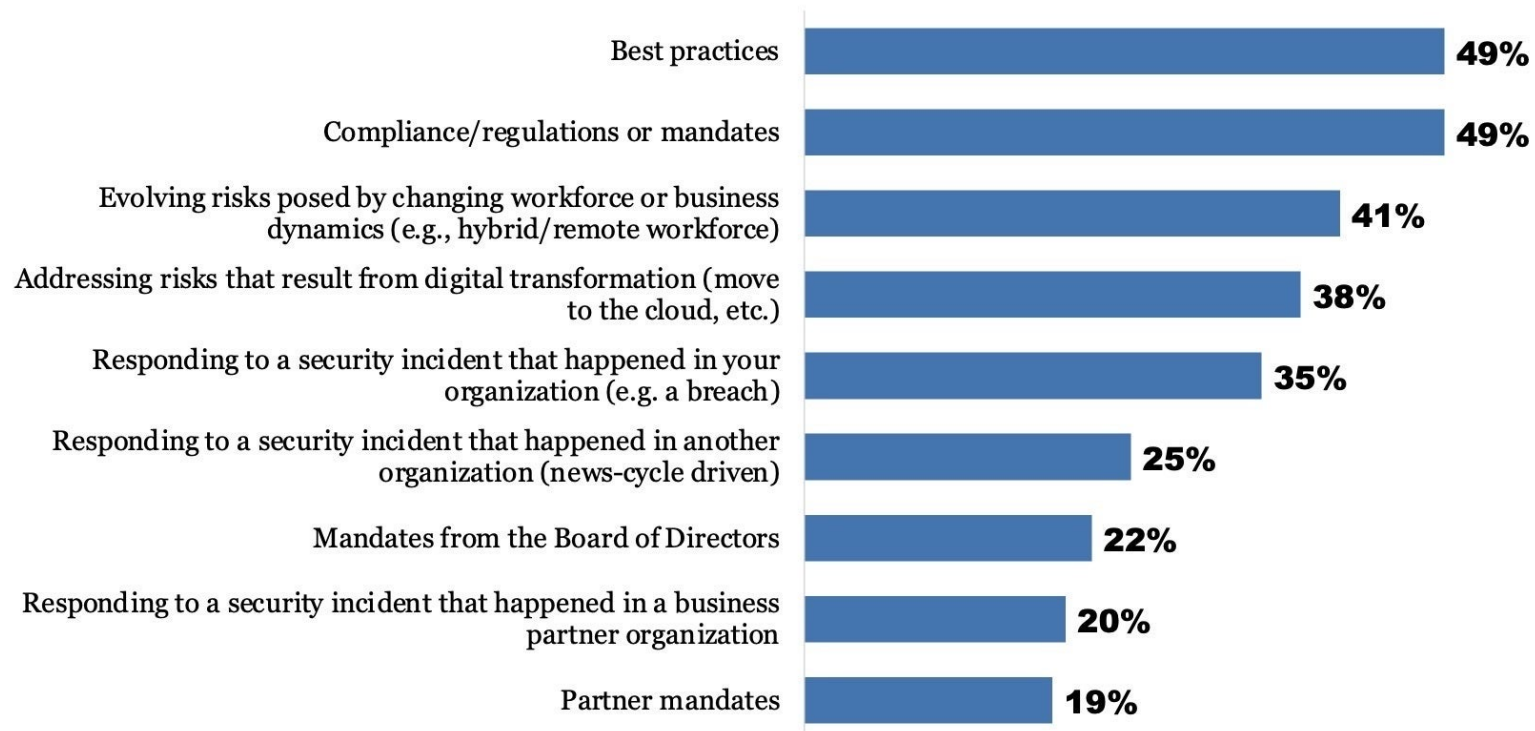


Security Budgeting as a Percent of the IT Budget Splits into 3 Tiers

The company's annual security budget as a percent of the IT budget

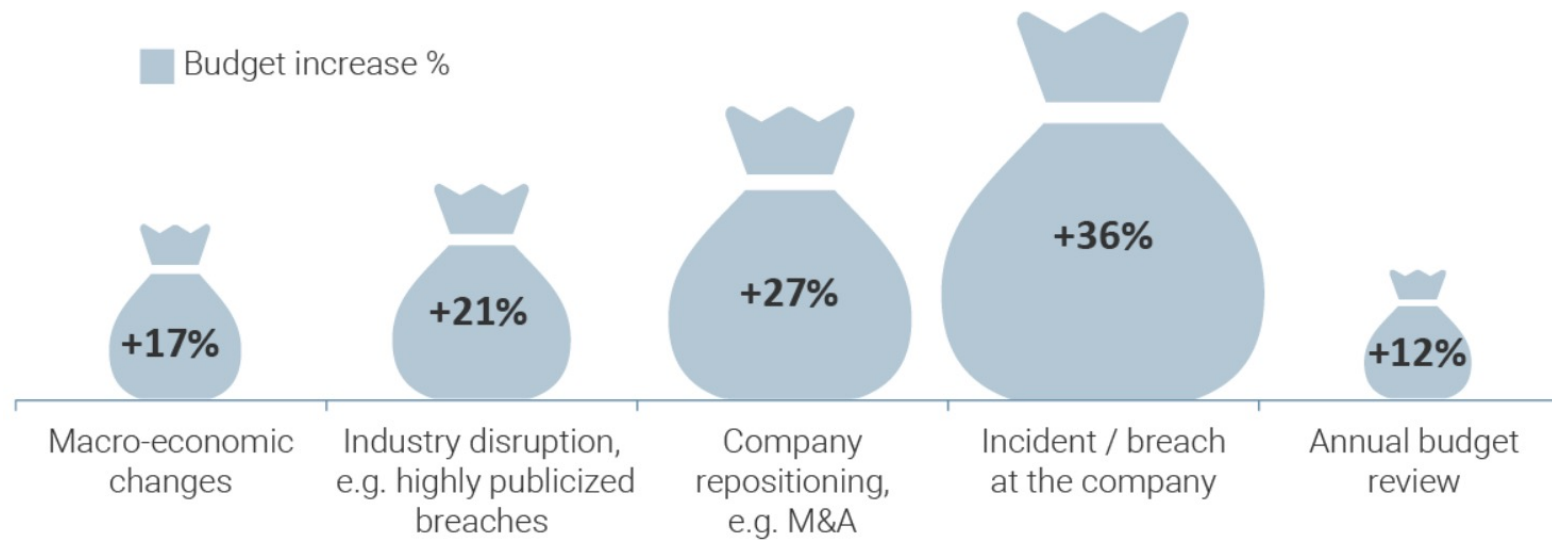


Factors Determining Security Spending



Q: Which of the following factors help determine the priority of your security spending?

<https://www.iansresearch.com/resources/all-blogs/post/security-blog/2022/11/01/2022-security-budget-benchmark-report-preview>



Key events triggered outsized budget increases, in particular security breaches affecting the company and strategic changes.

Source: 2022 Security Budget Benchmark Report

Perkuat Keamanan Digital, BSI Gandakan Capex IT Jadi Rp580 M



Jakarta, CNBC Indonesia - PT Bank Syariah Indonesia Tbk (BRIS) mengalokasikan belanja modal (capital expenditure/capex) tahun 2023 dua kali lebih besar dibandingkan tahun lalu, yaitu sebesar Rp 580 miliar.

Hal itu dilakukan usai BSI mengalami gangguan layanan dan isu kebocoran data yang terjadi beberapa waktu lalu.

<https://www.cnbcindonesia.com/market/20230523065444-17-439619/perkuat-keamanan-digital-bsi-gandakan-capex-it-jadi-rp580-m>

"AUTOMATION APPLIED TO AN
INEFFICIENT OPERATION WILL MAGNIFY
A VULNERABLE THE INEFFICIENCY."
VULNERABILITY

- BILL GATES -

"IT IS NOT THE STRONGEST OF THE SPECIES THAT SURVIVES, NOR THE MOST INTELLIGENT THAT SURVIVES. IT IS THE ONE THAT IS THE MOST ADAPTABLE TO CHANGE."

- CHARLES DARWIN (1809-1882) -