



- 1. Does your organization have a cyber risk framework?
- 2. Is it an integrated part of enterprise risk management? If yes, how?
- 3. How are risk management and resilience connected?





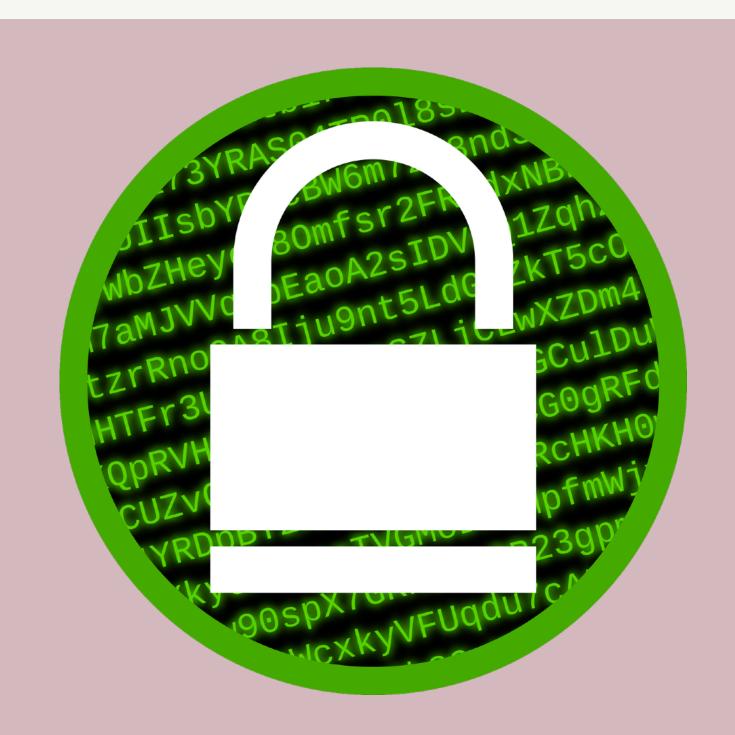


Top Cyberattack Trends

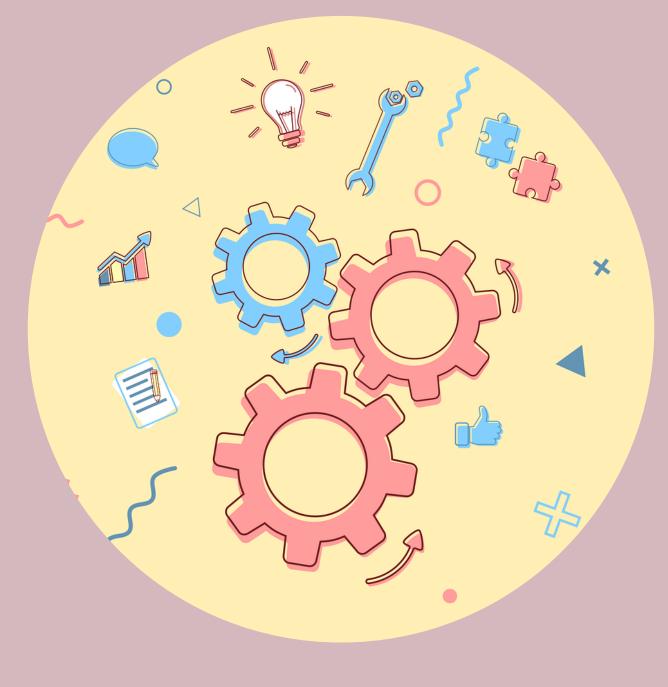












Ransomware Cloud Attacks Supply Chain

Source: TechTarget 10 Biggest Cyberattacks, MacAfee Labs Threat Report 04.21 MonicaTalksCyber in MonicaVerma MonTalksCyber

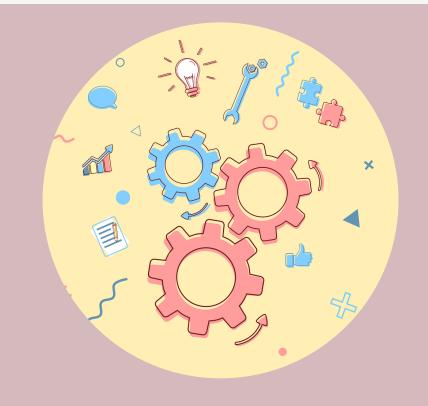




*and more







150% increase in ransomware attacks

2020

Cognizant Ireland's HSE Colonial Pipeline Garmin*

630% increase in threats targeting cloud services

Jan - Apr '20

7.5 million external attacks on cloud accounts*

******Q2 2020

4 times more supply chain attacks in 2021

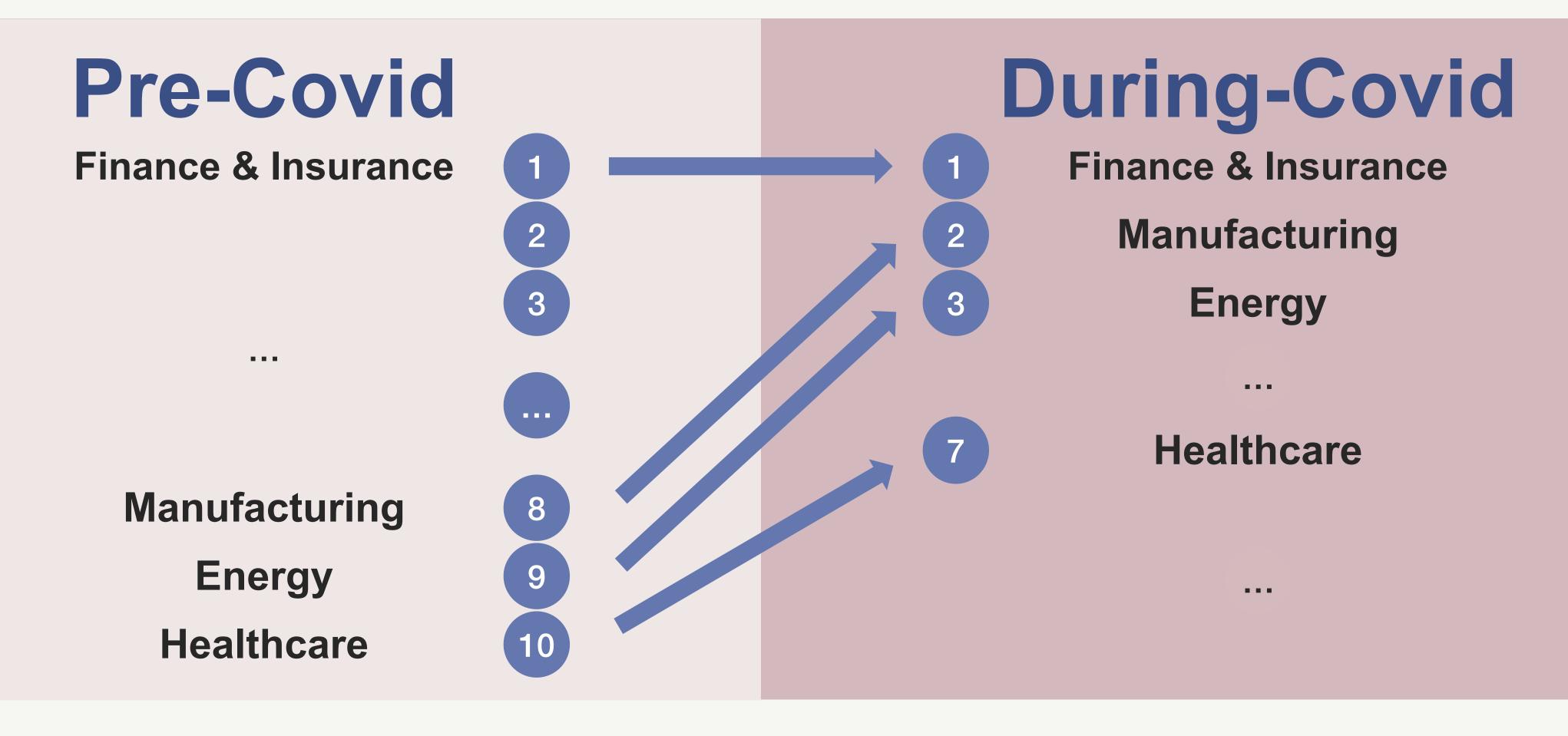
SolarWinds Vaccine Alliance UNICEF Kaseya*

*and more





Top industries by Increase in % Attacks









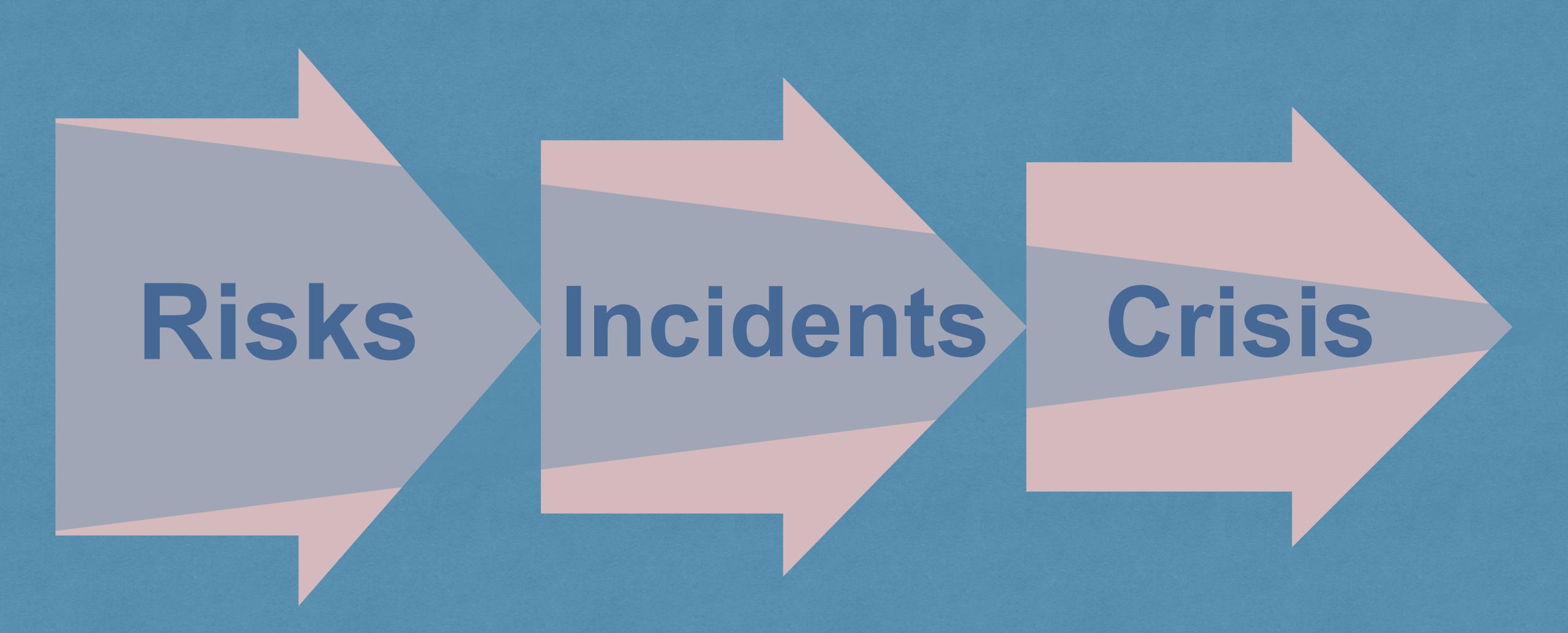
What is a Crisis?

- 1. Risks (known or not; likely or less) that
- 2. have materialized (occurred)
- 3. threatening an organization's strategic objectives, reputation or viability







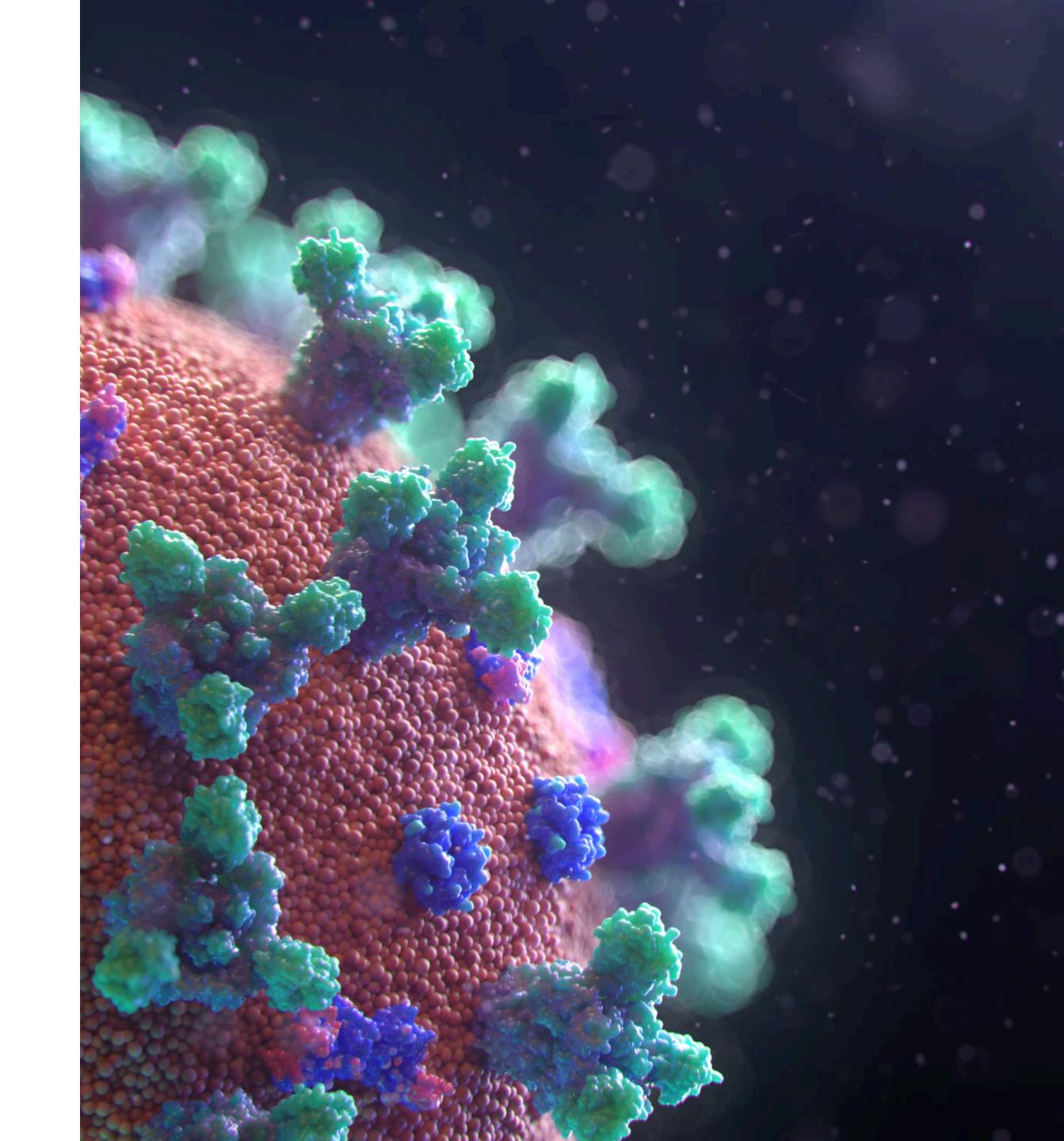




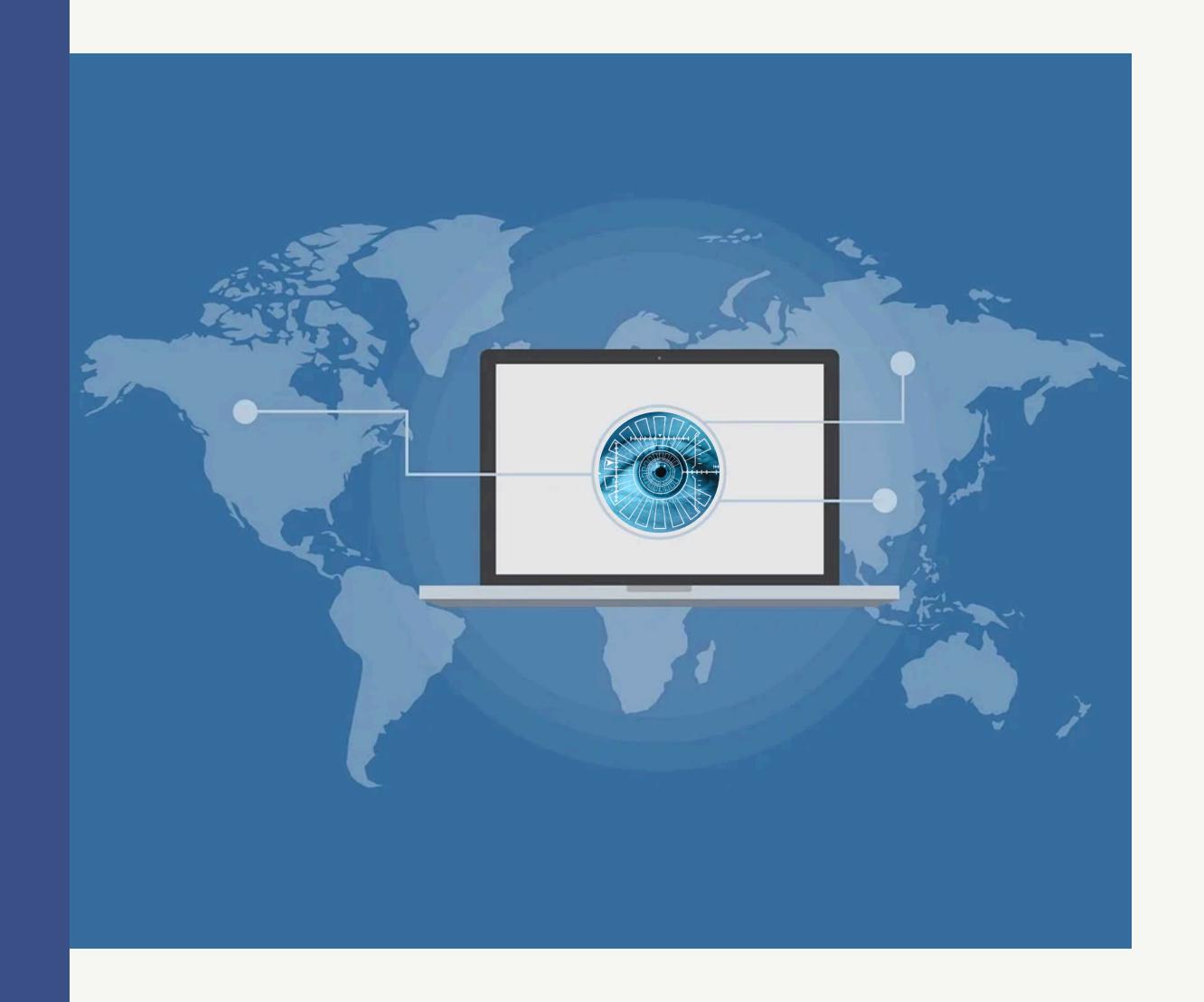




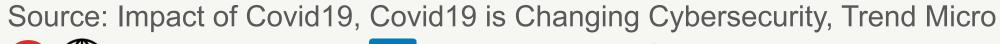
Pandemic A few challenges and true impact



- 1. Increased cyberattacks and monetization (e.g., double extortion)
- 2. Exponential rise in attack surface and connectedness
- 3. Attackers leveraging emerging technology
- 4. Increased need for effective **BCP** and crisis management
- 5. Global risks and supply chain









MonicaTalksCyber in MonicaVerma MonTalksCyber



By 2026, almost 26% of the world's GDP could be based on internet-based and digitally-connected industries.

- World Economic Forum















Cybersecurity Similarities to a Pandemic















Key learnings from the pandemic



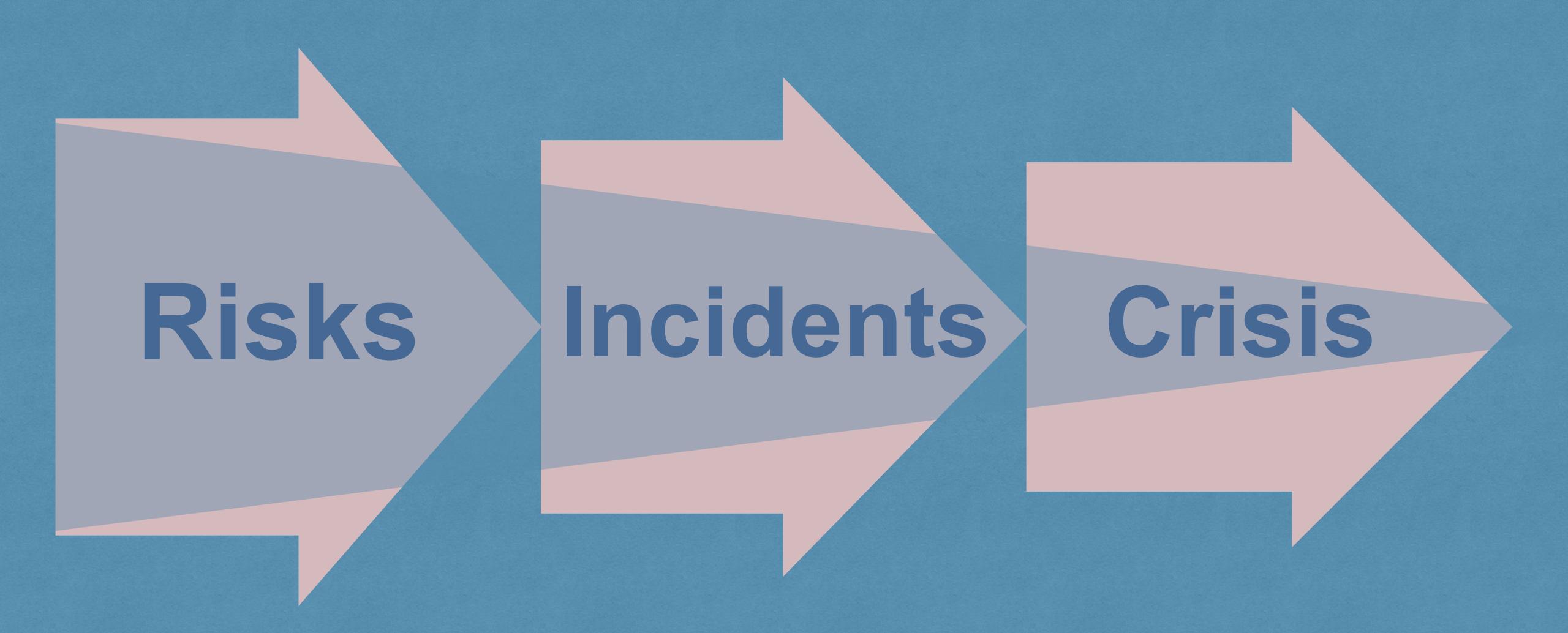


- 1. Speed is of essence
- 2. From risk to recovery
- 3. Fail but adapt
- 4. Cyber crisis affects global crisis
- 5. Understanding the unknowns













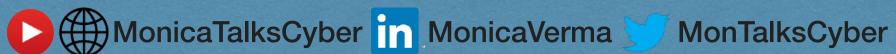




Incidents

Crisis













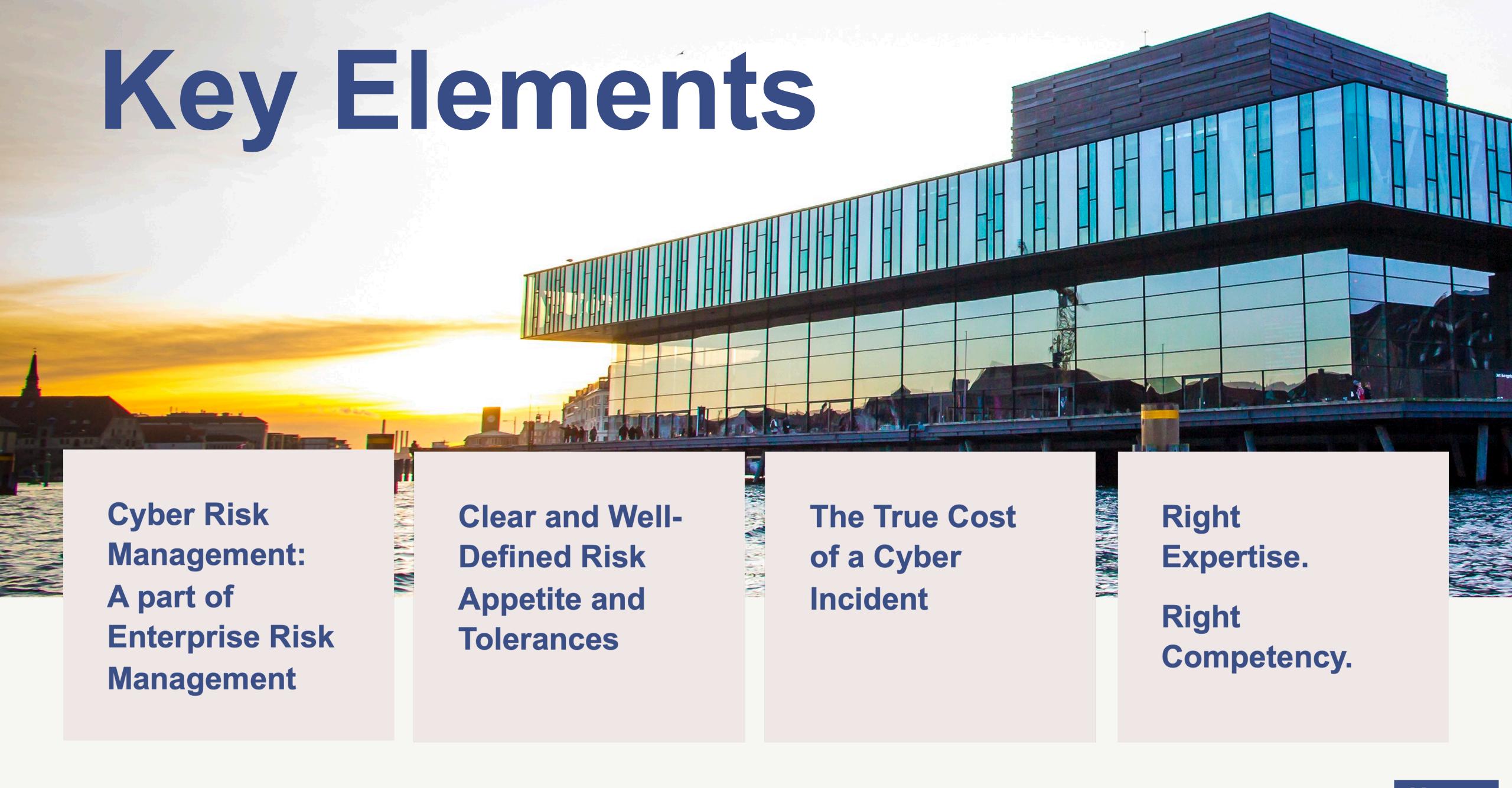


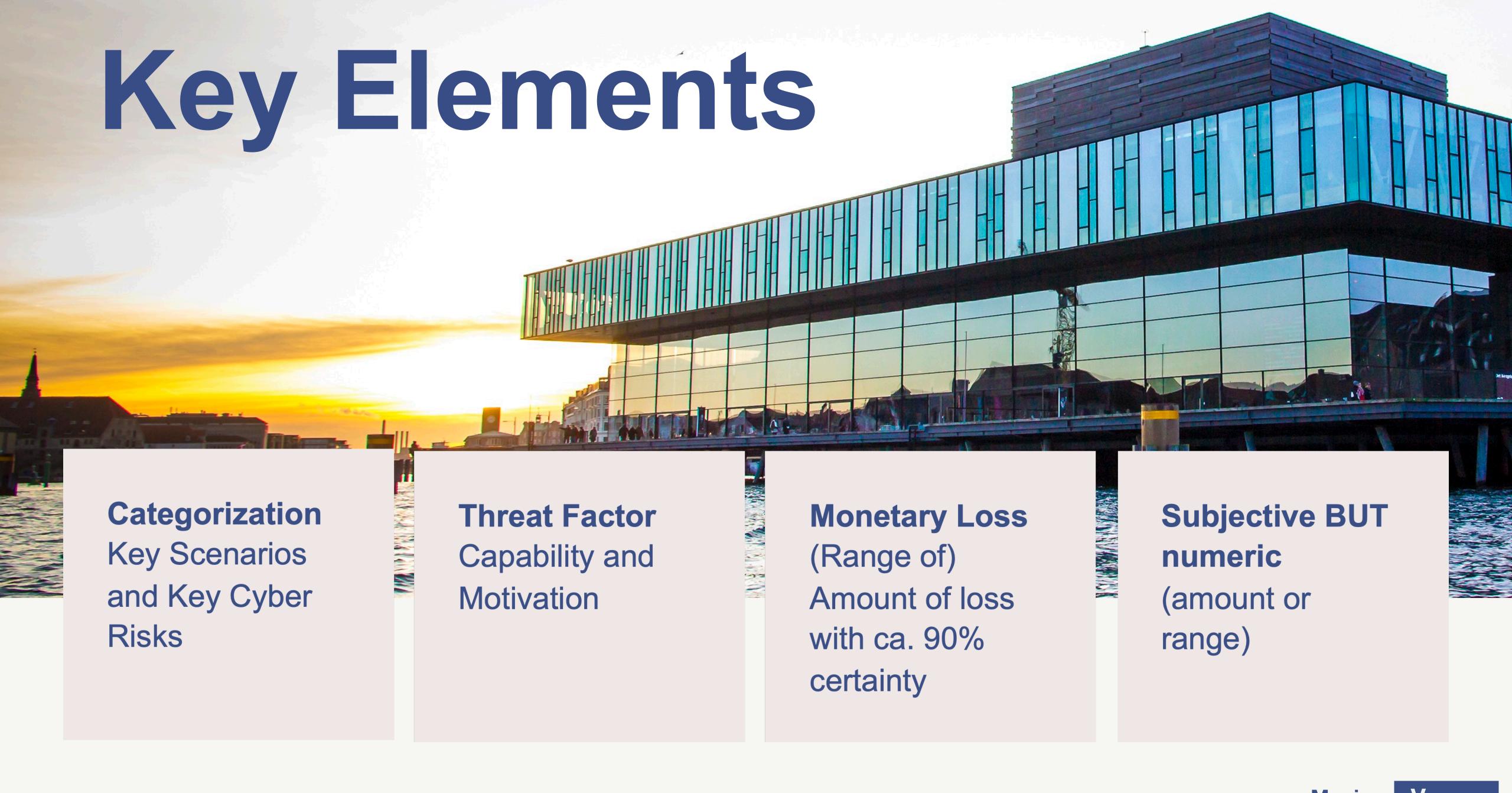


Manage Risks Fast and Effectively











Cyber Risk is like ANY OTHER RISK Framework DIFFERENT Process SAME Consequence

Risk Scenarios

Key Risks

Vulnerabilities

(People, Process and Tech)





Threats

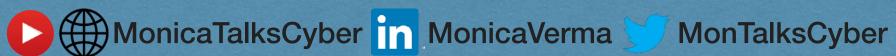




Incidents

Crisis













Fail Faster





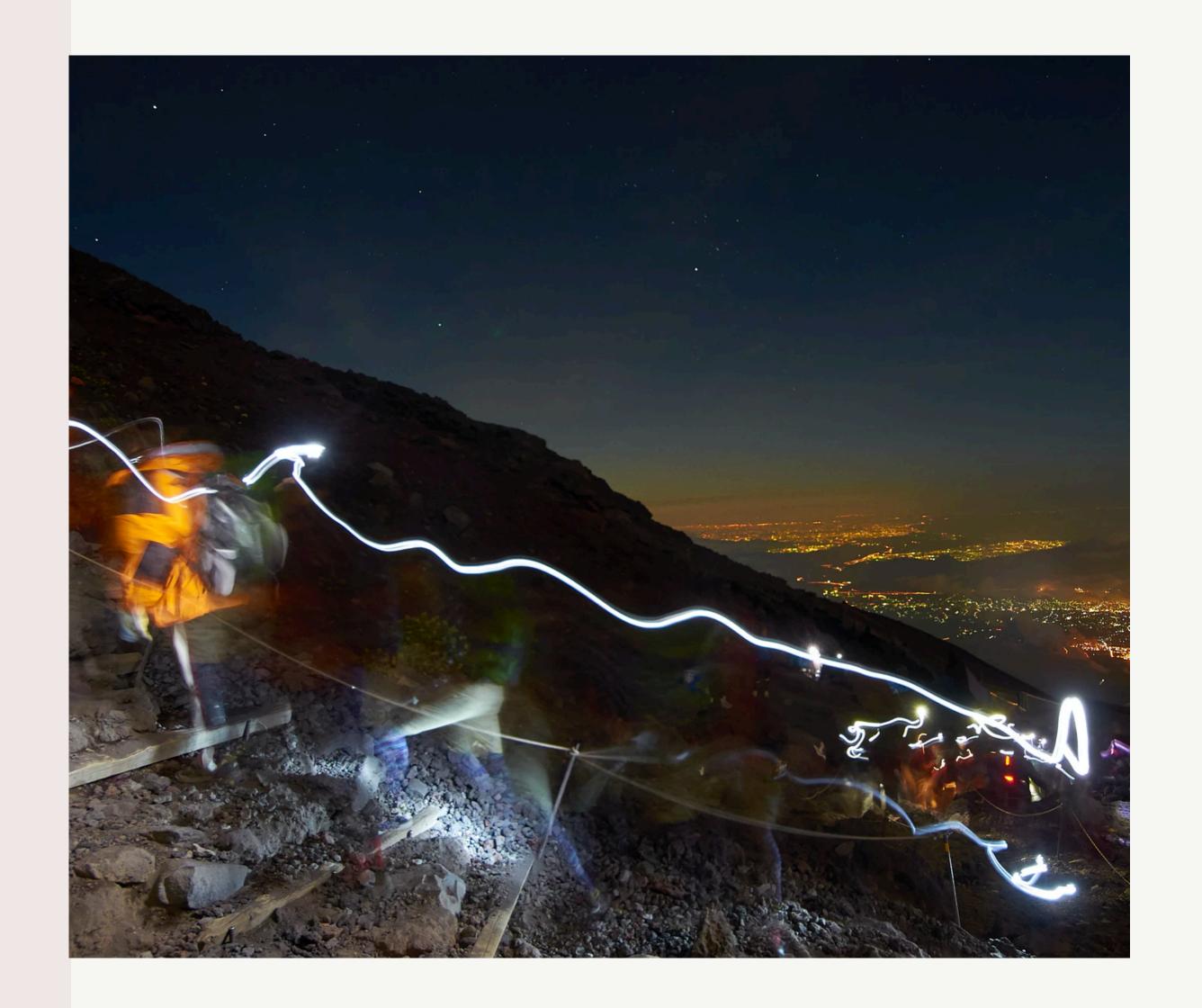


Testing and Verification

Testing BCP, cyber resilience plans, security incident and crisis management plans

Verify - Treat all accesses as unauthorized unless and until identified, authorized and verified.

Verifications policies independent of working from office or from home.





Incidents
Lessons Learned



Risk Register

Controls Effectiveness Identify the Unknown







Risks

Incidents

Crisis

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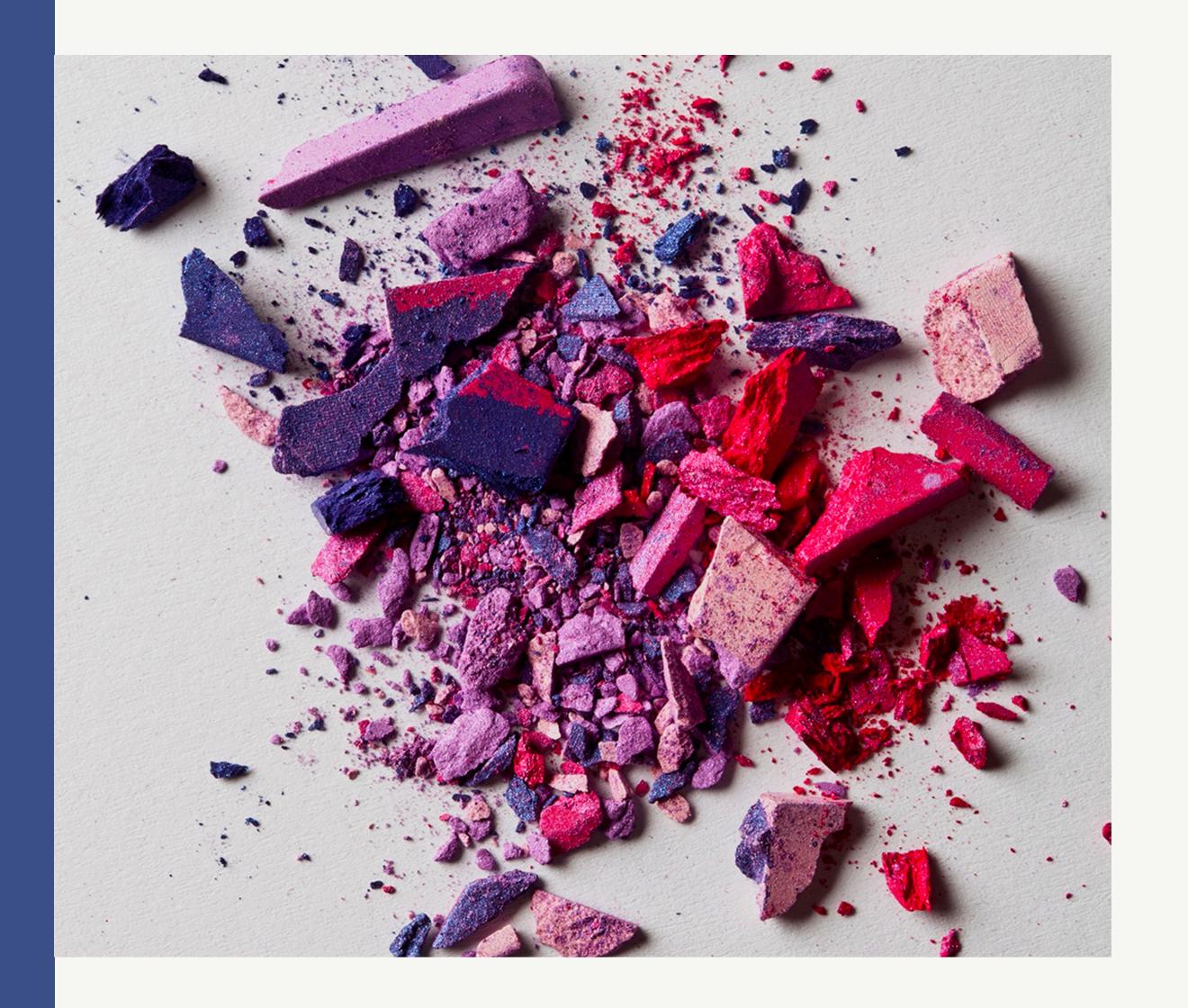
Adapt fastest





Not just a matter of if and when, but

how long?
how much impact?
how to contain?
how to invest?
how to continue?
how to adapt?
how to predict?





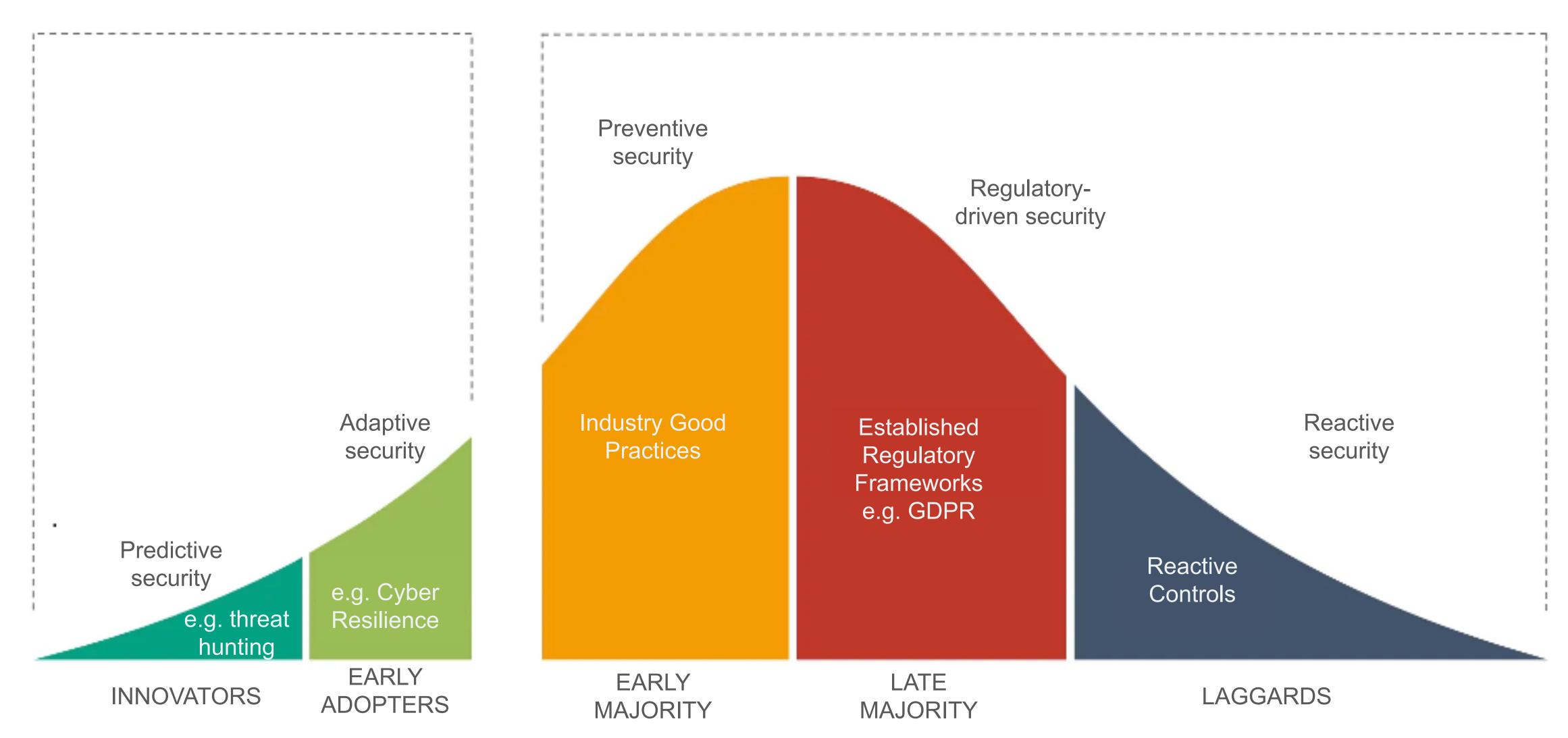


Cybersecurity Adoption Lifecycle





EARLY MARKET THE CHASM MAINSTREAM MARKET



©Monica Verma May 2020 Adapted from The Technology Adoption Lifecycle







One of the best defenses against cybersecurity threats is cyber resilience.

Anticipate Chaos. Be Prepared.







Further Work

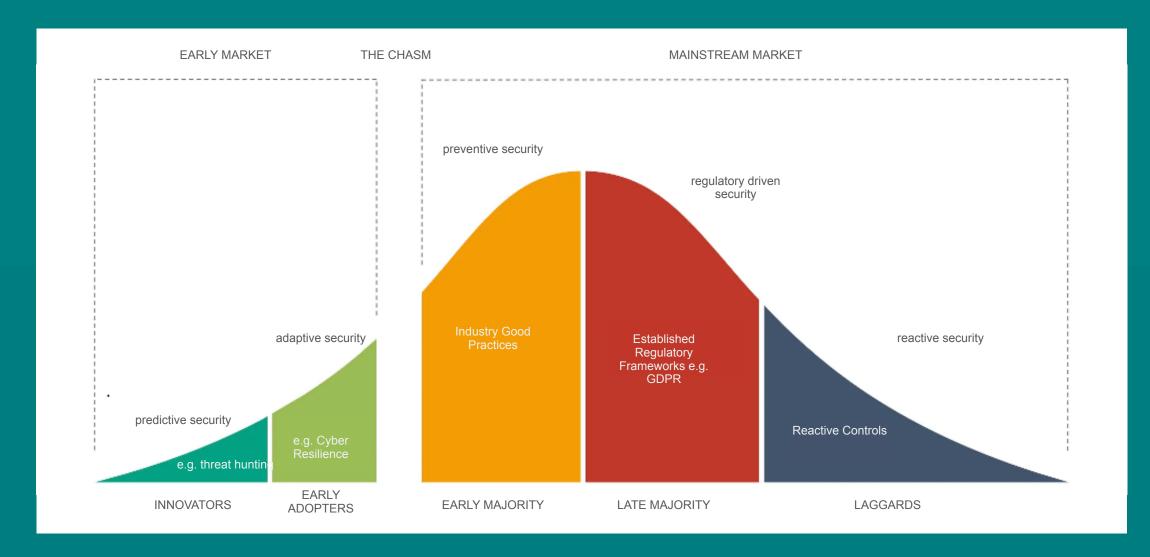
Linking to Risk Assessment (RoS analyse) to select a position in curve?

What type of organizations should be in which part of the curve?

What kind of typical vulnerabilities will hit organizations in the different phases?

What organizational benefits are associated with being a specific position in the curve?

What type of investment is required for the different phases?











Risks vs. Incidents vs. Crisis - Integrate with Feedback Loops



- Risks vs. Incidents vs. Crisis Integrate with Feedback Loops
- Take Risks Into The Crisis Management Board



- Risks vs. Incidents vs. Crisis Integrate with Feedback Loops
- Take Risks Into The Crisis Management Board
- Cyber Crisis as a Part of Overall Crisis Management



- Risks vs. Incidents vs. Crisis Integrate with Feedback Loops
- Take Risks Into The Crisis Management Board
- Cyber Crisis as a Part of Overall Crisis Management
- Humility, Self-Critique and Openness To Accept Mistakes



- Risks vs. Incidents vs. Crisis Integrate with Feedback Loops
- Take Risks Into The Crisis Management Board
- Cyber Crisis as a Part of Overall Crisis Management
- Humility, Self-Critique and Openness To Accept Mistakes
- Transparency to Share Failures and Learnings





Risks: Manage

FAST

Incidents: Fail FASTER

Crisis: Adapt FASTEST



FOR MORE CONTENT ON CYBER, CAREER & LEADERSHIP

