

600 Minutes



Managing Cyber Risk Exposure Across Your Supply Chain

Monica Verma

Convergence Pandemic Digitalization



Top industries by Increase in % Attacks

Pre-Covid

Finance & Insurance

1

2

3

...

...

Manufacturing

8

Energy

9

Healthcare

10

During-Covid

Finance & Insurance

1

2

3

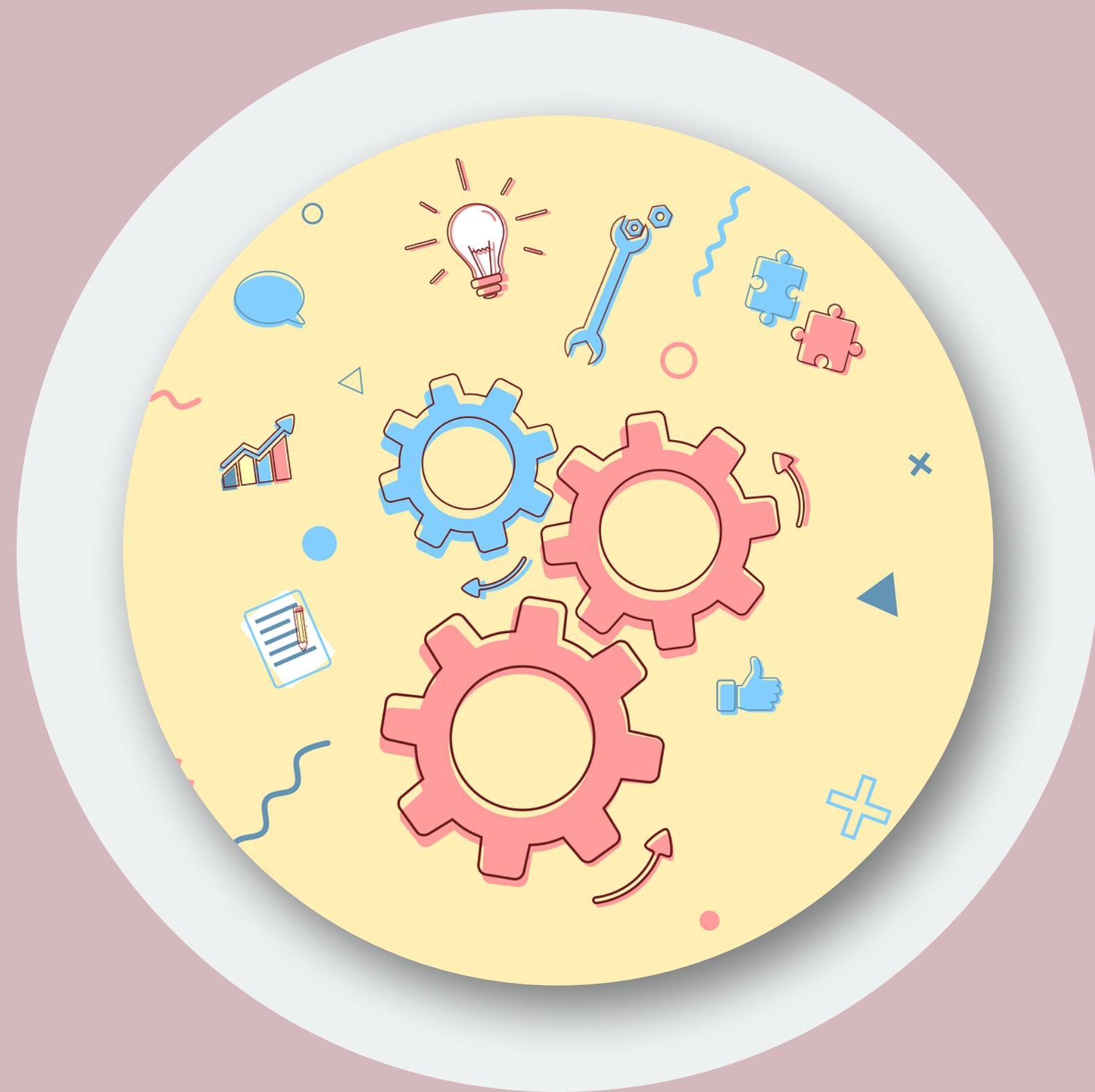
...

Healthcare

7

...

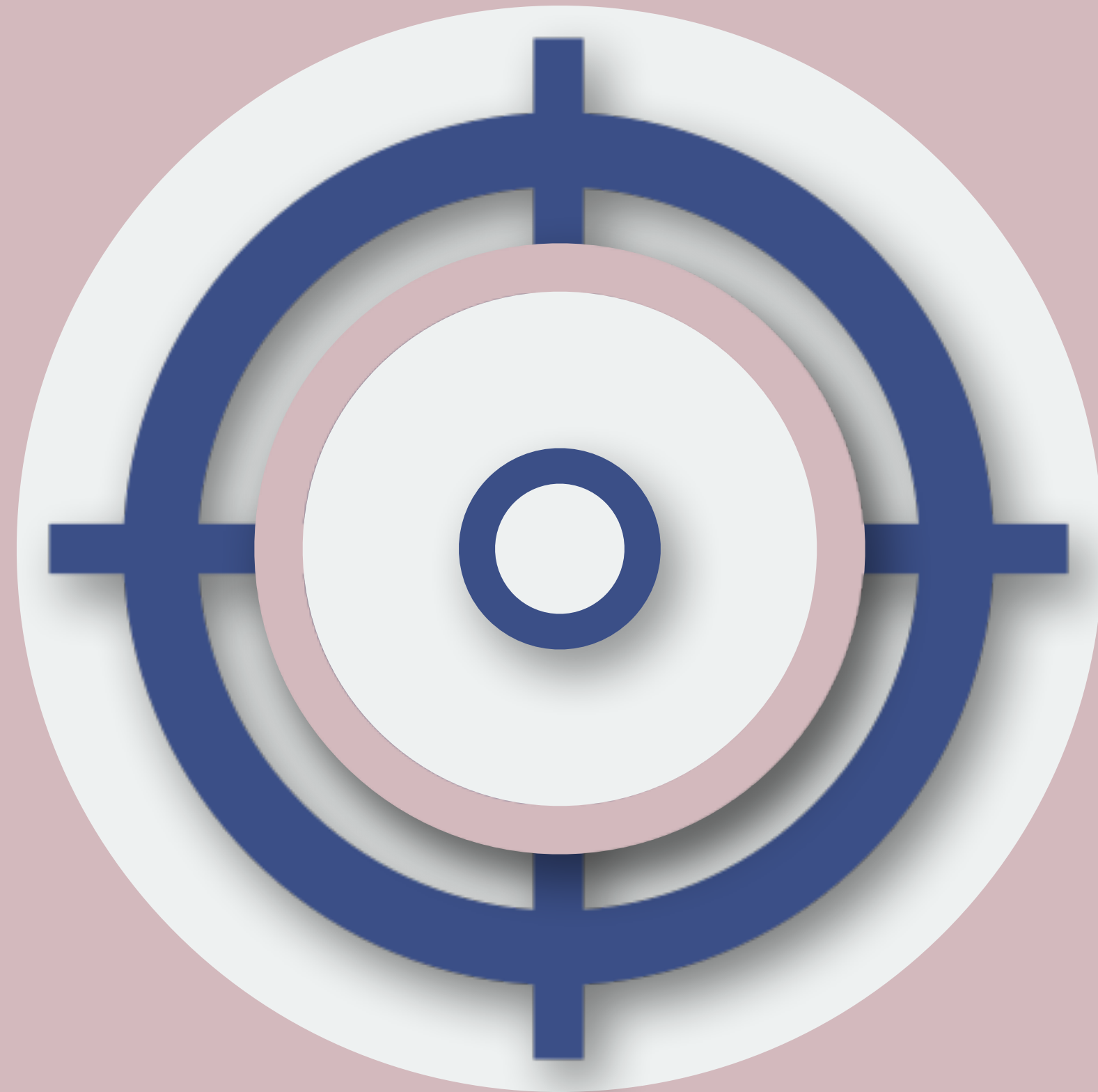




Cloud Hopper
NotPetya
Solarwinds
Kaseya
RSA SecurID
log4j



Globalization Interconnection Lack of Immunity Unknowns



Your organization is a target...

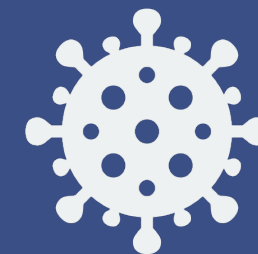
- direct
- indirect
- stepping stone

Key Challenges

Explicit Trust



Consequence



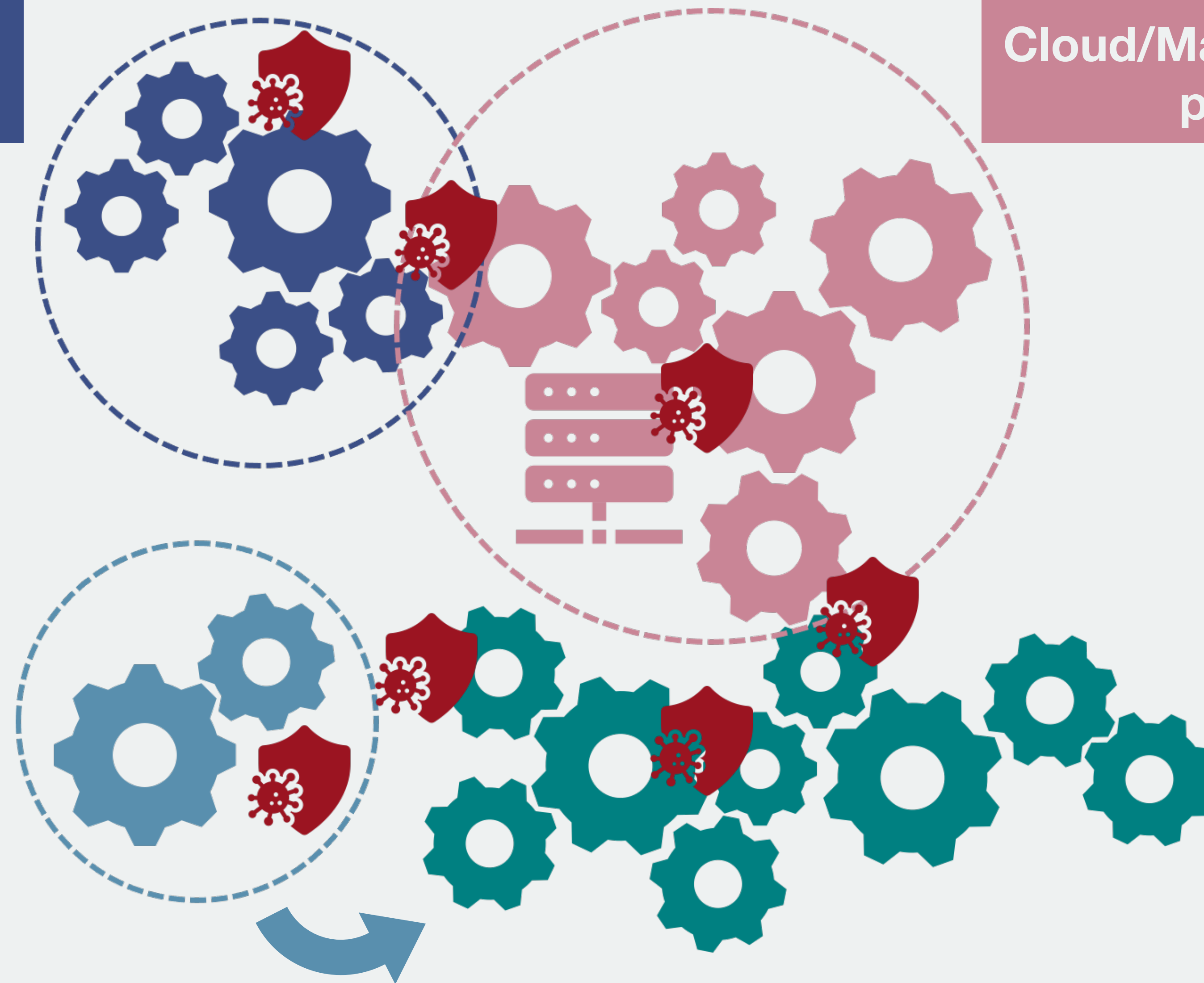
Risk Profile



Shared third-party
services

Cloud/Managed service
provider

Software/hardware/
firmware vendor



You

Shared third-party
services

Cloud/Managed service
provider

Risk Exposure



Software/hardware/
firmware vendor



You

**The weakest link across your supply chain
may be someone else's responsibility,
but overall risk is still your accountability.**

**Your business is as resilient as
risks across your supply chain.**

Risks

Incidents

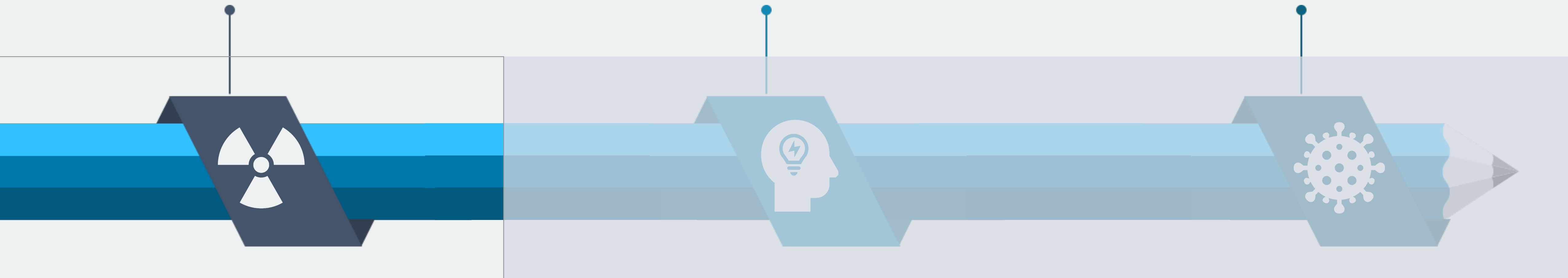
Crisis



Risks

Incidents

Crisis



Manages Risks Fast Across Your Supply Chain



Integrated

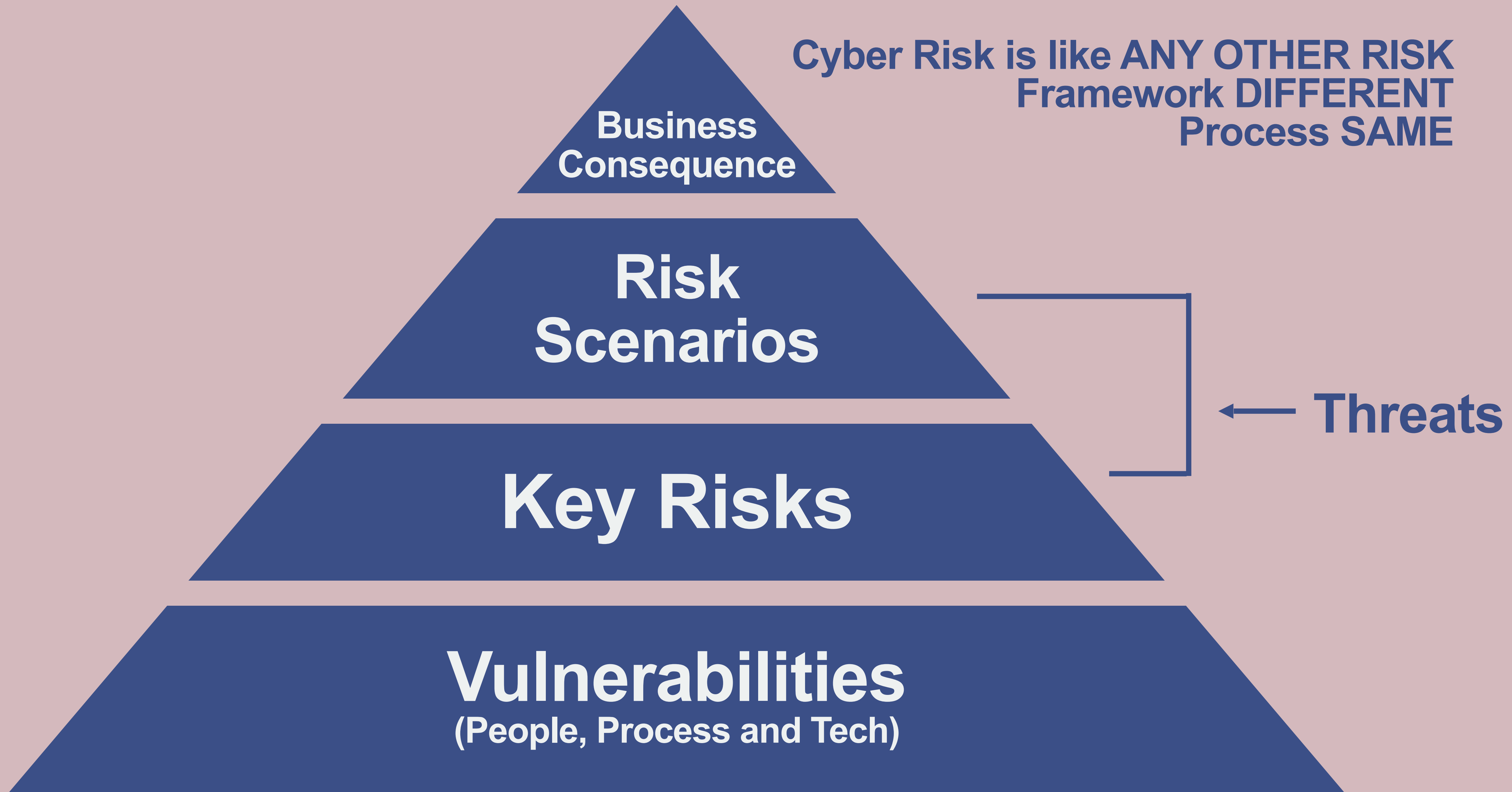


Thresholds

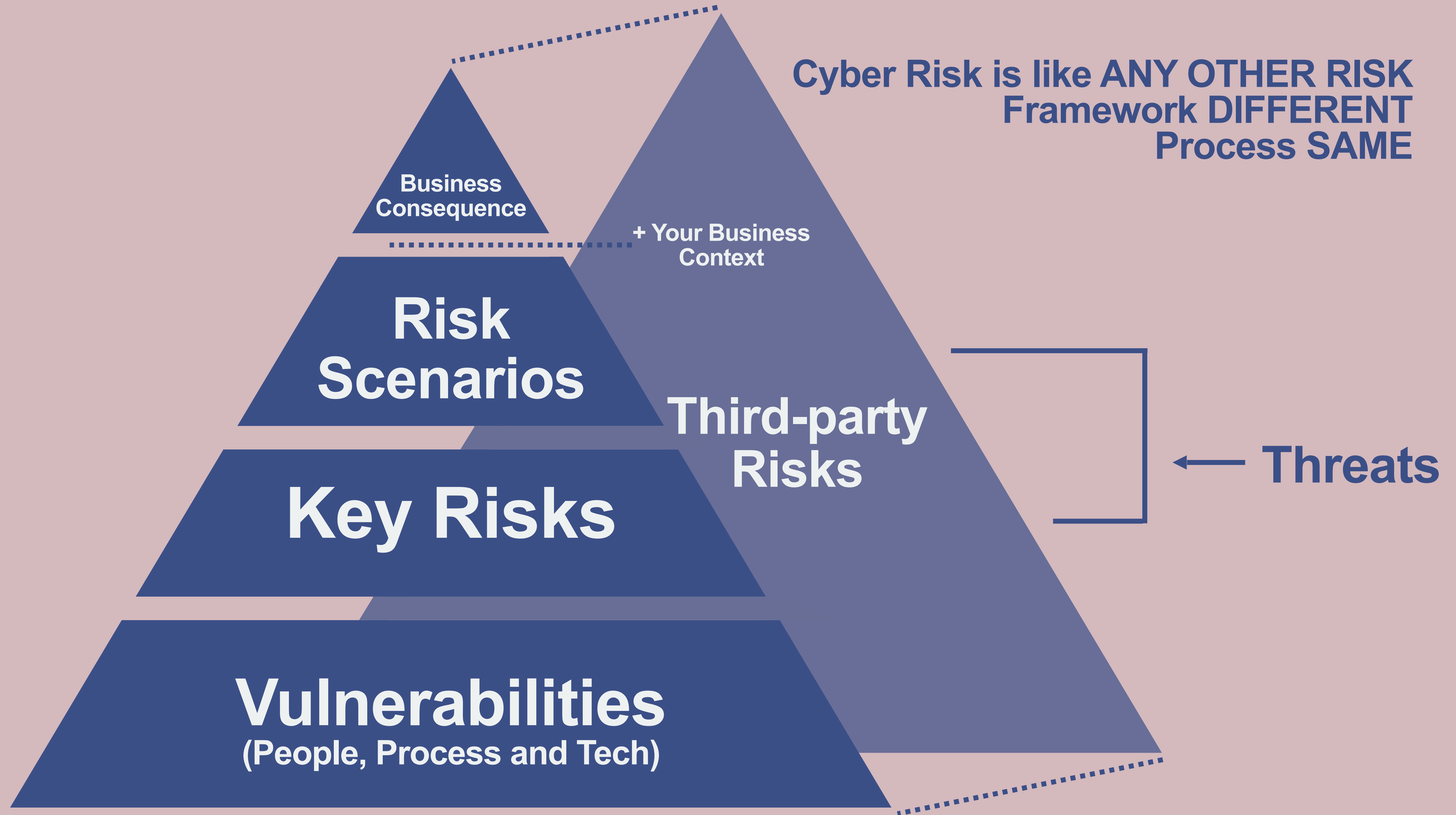


True Cost

Cyber Risk is like ANY OTHER RISK
Framework DIFFERENT
Process SAME



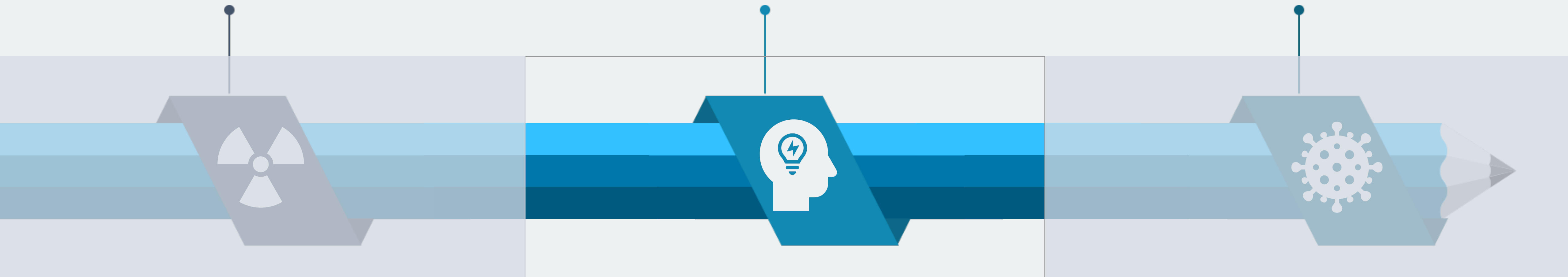
**Cyber Risk is like ANY OTHER RISK
Framework DIFFERENT
Process SAME**



Risks

Incidents

Crisis



Fail Faster Together

Testing and Verification

Independent security-testing and audit of your vendors.

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

Table-top exercises together with vendors.



Incidents
Lessons Learned

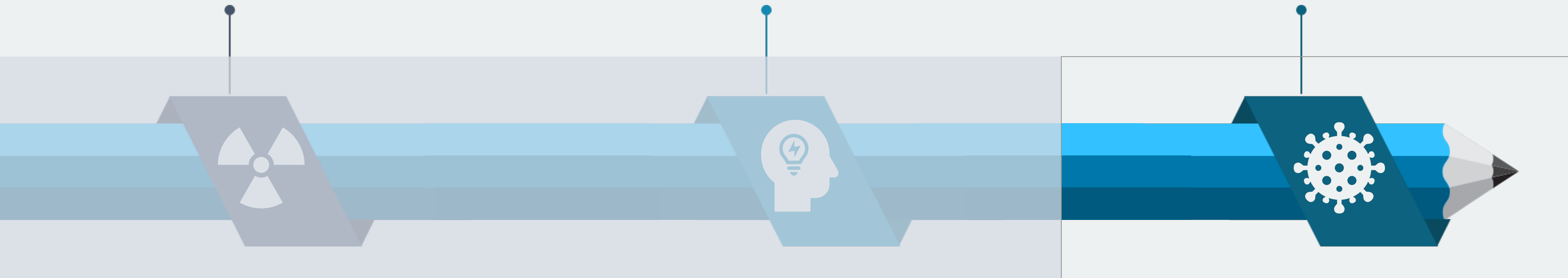


Risk Register
Controls Effectiveness
Identify the Unknown

Risks

Incidents

Crisis



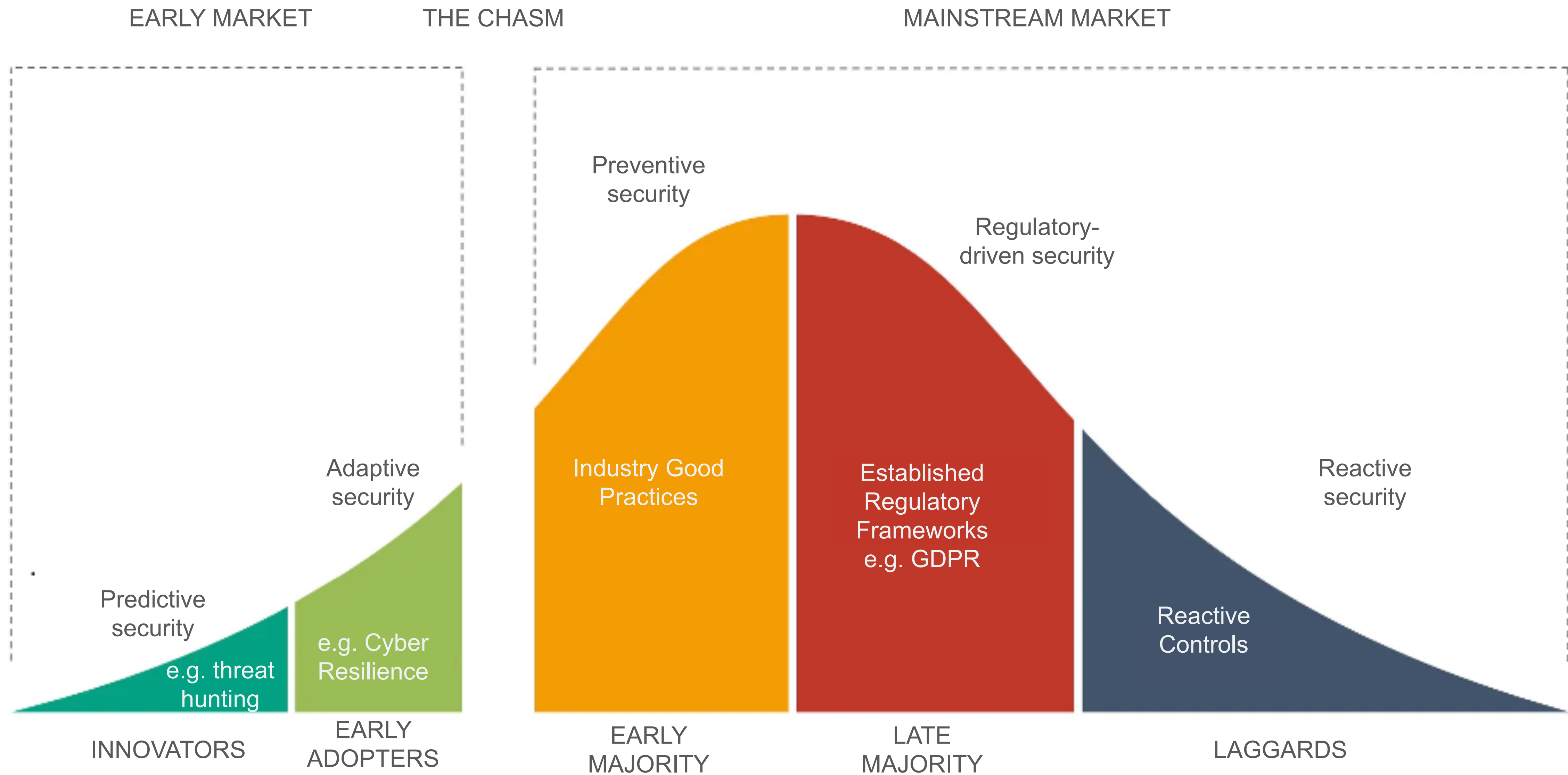
Adapt fastest

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



©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.

1

What does
their risk profile
look like?

2

What code
compromise
verifications
are in place?

3

How is your
authentication
& authorization
management?

4

What detection &
resilience controls
do you & they have
in place?

5

Security & risk
requirements as
a part of RFP/
contract?

1.

Understand
your risks
across you
entire supply
chain

2.

Vendor Management
through standards,
best practices,
frameworks & failing
together

3.

Strategize and
plan for risk to
recovery
throughout your
supply chain

FOR MORE CONTENT ON CYBER, CAREER & LEADERSHIP

