

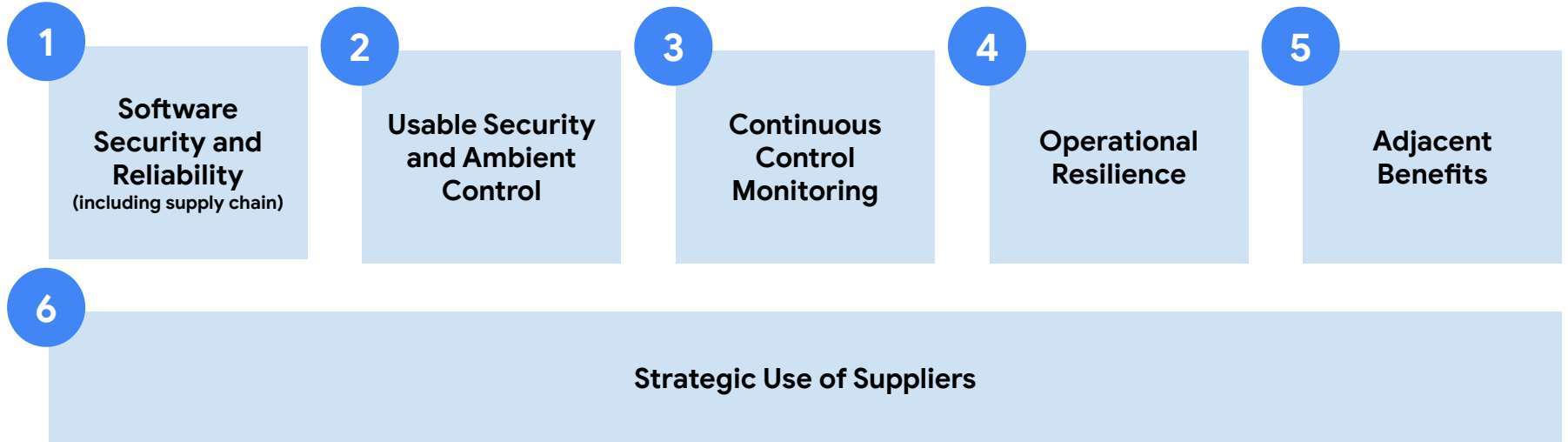
Cybersecurity Viewpoint

Strategic Trends / Tactical Impacts

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Strategic Trends

Cybersecurity is not the only technology and information risk



Tactics and Pressing Issues

IT Modernization is the Key to Effective Cybersecurity

Pressing Issues

- High assurance ransomware mitigation
- Safely managing cloud transition + legacy tail
- Software supply chain / OSS risk
- Managing risks of insider threats
- Balancing security and business agility

Tactics

1

Zero Trust Architecture : user access and production
(Secure defaults and opinionated platforms)

2

Real time risk transparency / continuous control monitoring
(IT / CISO → Risk / Compliance → Board)

3

Raise the baseline by reducing the cost of control
(CapEx → OpEx / lower unit cost of control so you can deploy more control)

4

Workforce challenge: 10X productivity not +10% people
(Our answer cannot only be to add more people)

5

Threat informed defenses → defensible architecture
(Defeat whole classes of attacks)

Board & Management Governance Practices

Manage with the same rigor, vigor and quantification as any other strategic risk

“What are our most important assets and business services? What risks do they face and what controls mitigate those risks? Are those controls continuously measured as operating within expectations? What residual risks remain and who at what level has decided those are acceptable? How frequently is all of this reassessed and what triggers (other than time) cause such reassessment?”

1

Risk Limits and Thresholds

Example Question:

What threshold of what metric if exceeded demands immediate Board escalation?

2

Scenario Analysis

(across the whole risk distribution)

Example Question:

What is the most severe but plausible scenario that we feel like we cannot withstand?

3

Incident Learning and Close-Call Analysis

(internal and external)

Example Question:

What close-calls did not become major incidents because of luck?

4

Business Line Ownership of Risk

Example Question:

What adjacent benefits are security controls bringing to your business?

5

Technology Modernization

(defensible architecture)

Example Question:

What percentage of our software is continuously built, tested and deployed?

Speed - The Key Determinant of Success

Speed of moving to a modernized IT architecture where security, compliance and privacy controls are pre-integrated.

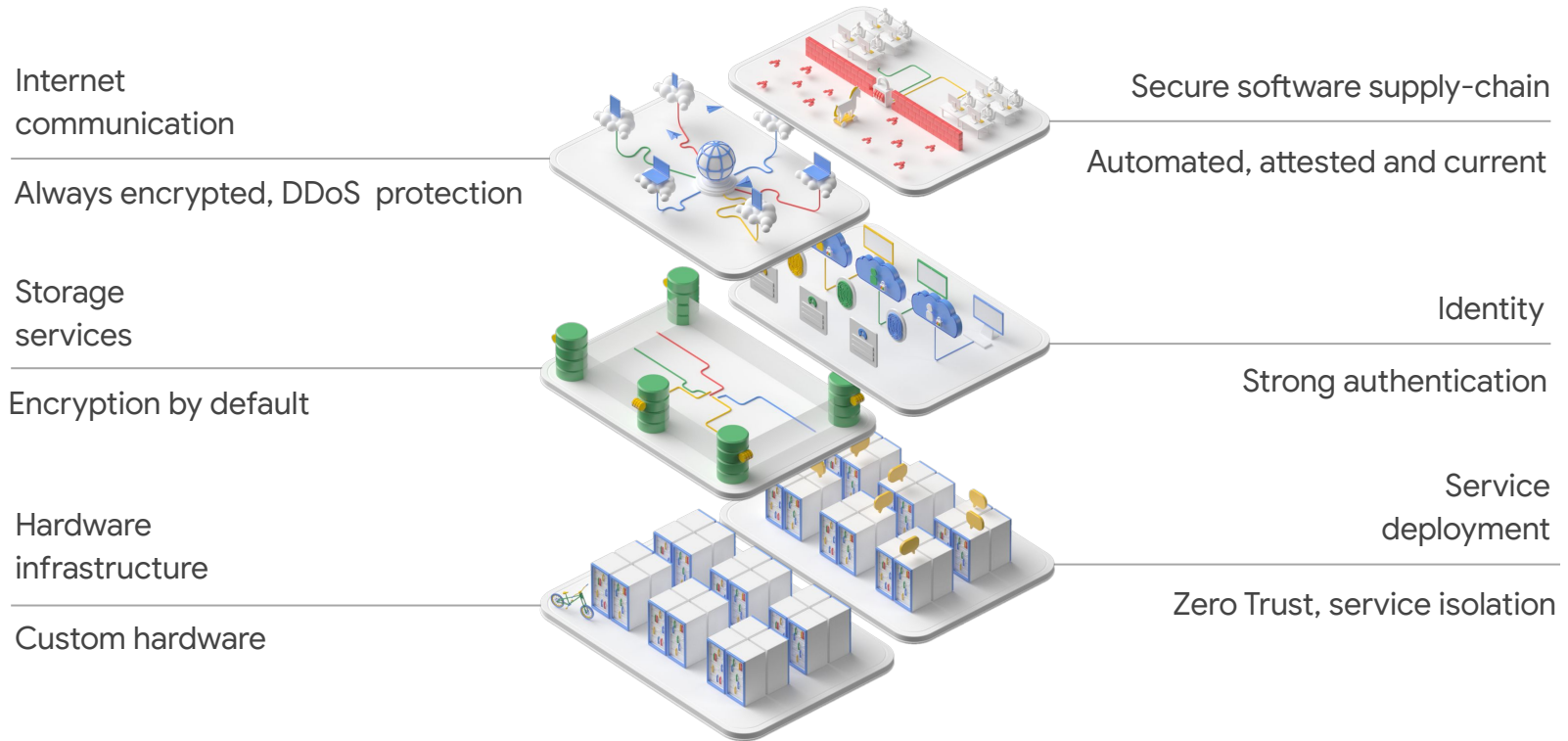
Speed of taking and making updates to take advantage of new or enhanced controls.

Speed of equipping employees and customers with improved capabilities.

Speed of eliminating stagnant systems and wrapping legacy.

**Speed of OODA loop for risk, control, and security event detection and response
- remediating root cause of root causes.**

Defense in depth by default, at scale, at increasing speed



Strengthening Government Cybersecurity

\$10B

investment to improve
cyber security

- Expanding **zero trust programs**
- Securing the **software supply chain**
- Enhancing **open-source software security**
- Digital **skills** training

Bringing
our Security
knowledge
to you:



Cybersecurity
Action Team

**Strategic Advisory
Services**

Guide you on a path for
successful transformation

**Threat Intelligence
& Incident Response**

Use threat intelligence
to position security
strategy and response
drills



Trust and Compliance

Ensure the simplest path
to regulatory compliance

**Customer and Solutions
Engineering**

Engineer the right
deployments, with the right
products, to meet your
evolving requirements

Security
First,
Everything
Follows.

