

Is your organization
aligned with
complex and
evolving business
realities?

EY Cybersecurity Program Assessment

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The better the question. The better the answer.
The better the world works.


EY
Building a better
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Cybersecurity Program Assessment

Cybersecurity program assessment is how organizations can determine if their cyber posture is setup to meet evolving cyber threats and inform future investments.

By the numbers, according to the 2020 EY Global Information Security Survey:

81%

of organizations sidestepped cyber processes and did not consult cybersecurity teams at the planning stage of new business initiatives

43%

have seen an increase in the number of disruptive attacks, such as ransomware, over the last 12 months

77%

of organizations say cybersecurity is involved right from the planning stage of a new business initiative

9/10

say that the primary driver for new spending is not new business initiative enablement

Organizations are likely to face the following scenarios that may require them to determine if their current cyber program is positioned to secure their current and long-term business interests amidst evolving threat and regulatory landscape:

- ▶ Organizational changes;
- ▶ Critical security events;
- ▶ Emerging technologies;
- ▶ Benchmarking needs;
- ▶ Regulations;
- ▶ Regulations;
- ▶ De/mergers & acquisitions;
- ▶ New cyber leadership;
- ▶ Periodic reporting;
- ▶ Resiliency assessments.



How EY Can Help

<p>1</p> <p>Understanding your business context</p>	<p>2</p> <p>Determining scenario(s) faced by your business</p>	<p>3</p> <p>Planning and assessing current state</p>	<p>4</p> <p>Determining future state roadmap</p>	<p>5</p> <p>Supporting executive reporting and close out</p>
<ul style="list-style-type: none"> ▶ Business Priorities ▶ Mission & Vision ▶ Security Culture ▶ Enterprise Risk Appetite ▶ Sector Trends ▶ Geographies ▶ Program Maturity ▶ Market Condition 	<ul style="list-style-type: none"> ▶ Identify scenarios driving the need for an assessment ▶ Level set on assessment outcomes to navigate business scenario(s) ▶ Determine assessment framework 	<ul style="list-style-type: none"> ▶ Validate scope of the assessment ▶ Determine level of assessment detail ▶ Identify information needs ▶ Understand client environment and high value assets ▶ Setup workshops and interviews ▶ Begin defining current state profile ▶ Gain agreement on current state profile 	<ul style="list-style-type: none"> ▶ Determine target-state maturity definitions ▶ Define a prioritized future state roadmap ▶ Develop benchmark reports based on organization requirements ▶ Bespoke outcomes based on requirements 	<ul style="list-style-type: none"> ▶ Executive reporting that outlines key strengths, areas of improvements, cyber threat landscape, recommendations and roadmaps ▶ Reporting to include add-on service outcomes



Industry Standards

Our assessment approach can be tailored to provide outcomes in alignment with one of many industry standards or the EY Cybersecurity Program Accelerator (CPA) framework

Example industry standards built into our approach include (but are not limited to):

- ▶ NIST CSF
- ▶ ISO27001
- ▶ HIPAA
- ▶ SANS CSC
- ▶ FFIEC
- ▶ Australian top 35Regulations

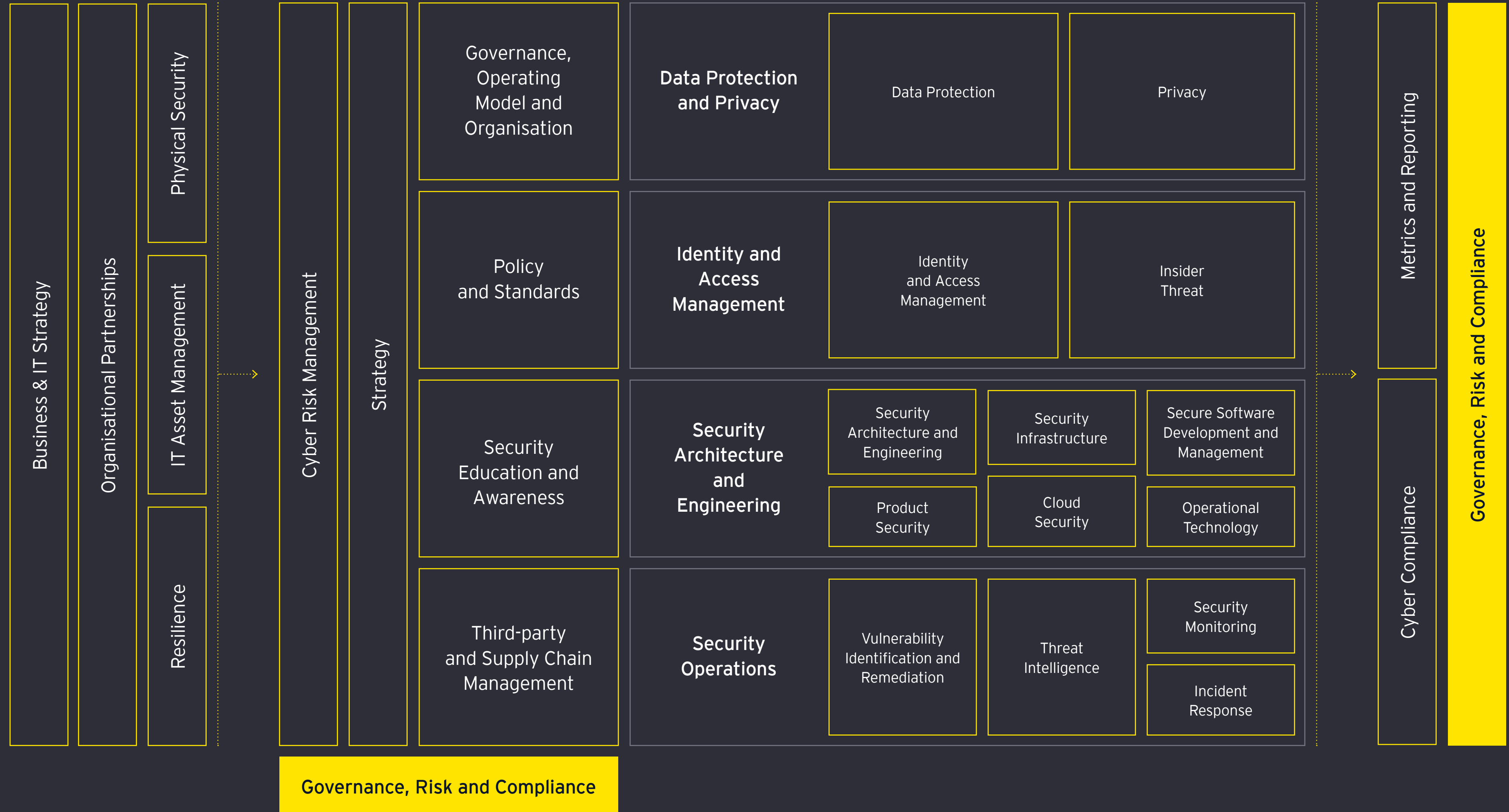


Figure: Conceptual View of the CPA Framework

CPA Solutions

- ▶ Current and future state profiles
- ▶ Multi-level cyber assessments
- ▶ Historical maturity analysis
- ▶ Cyber strategy and roadmap
- ▶ High value information assets
- ▶ Bespoke benchmarking reports

Value Proposition

- ▶ Identification of key business risks related to the maturity of specific cybersecurity domains areas;
- ▶ Alignment of cybersecurity strategy with a focus on the organization's strategic priorities and business objectives;
- ▶ Facilitation of a dialogue between the cybersecurity team and business leaders to articulate the benefits of cybersecurity program investments;
- ▶ Development of pragmatic recommendations to further improve their cybersecurity programs;
- ▶ Development of future state vision and strategic roadmap in support of business objectives;
- ▶ Improved safeguarding of critical client data.



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