

G-Cloud 14

**Service Definition
Document**

Security Board Advisory

May 2024



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1. Introduction

EY is delighted to participate in the latest release of the G-Cloud framework. We have been a supplier through G-Cloud since its inception and, in line with digital trends, have evolved our services over this time.

Digitalisation strategies and adoption of cloud technologies are a core enabler in tackling today's challenges such as energy transition and net zero, cyber-security and data loss, workforce skills gap, and ethical and regulatory changes. With enterprise technology evolving at an unprecedented pace, it is critical to work with a partner that can help you navigate these challenges and that brings an in depth understanding of how to leverage the broader technology ecosystem (e.g. ServiceNow, Microsoft, SAP) and emerging technologies (e.g. AI, Augmented Reality) in the context of cloud solutions to do so.

With 135,000 consultants globally, of which 17,000+ are cloud professionals providing services across Azure, AWS, GCP, IBM and Alibaba Cloud, we support all aspects of digital business transformations pivoting around cloud. We deliver end to end services from cloud strategy and migration to solving specific business challenges through building cloud native digital solutions. These technology-driven services are supplemented by our business and people capabilities allowing for holistic transformational change and adoption.

EY offers a range of cloud services that help organisations globally to modernise their business core, build data centricity and connect distributed ecosystems (see Figure 1):

Data modernisation through cloud - Migrate data to cloud, transform data foundations with intelligent cloud data platforms and infuse AI to accelerate and optimise operations and workflows such as our Advanced Analytics and Data Science service;

Distributed cloud - Develop, deploy and manage distributed architectures across multiple public clouds and edge, building resiliency, security and compliance such as our Cloud Strategy and Architecture service.

Industry cloud - Accelerate speed to market with EY industry clouds, through sector-specific use cases and opportunities to co-create solutions with industry specialists and ecosystem partners such as Microsoft, SAP and ServiceNow.

Sustainability cloud - Design cloud solutions that reduce carbon emissions and embed energy-efficient architecture and methods into cloud-based solutions such as our Microsoft Sustainability Manager solution.

Trusted cloud - Embed strong governance into cloud architecture that helps you comply with rapidly evolving legal and regulatory requirements.

Cloud economics - Create transparency on your cloud consumption and strengthen governance of costs and controls, enabling data-driven decisions and optimisations.

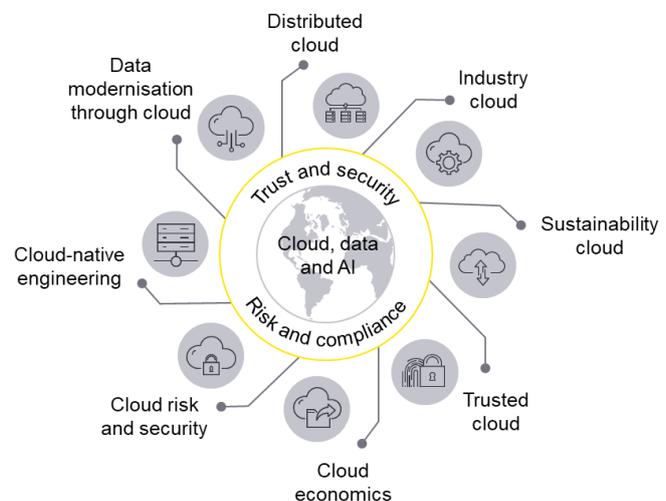


Figure 1 - EY Global Cloud Services

Cloud risk and security - Secure trust in critical business applications and data platforms hosted in multi-cloud environments from the onset, enabling innovation and transformational change.

Cloud-native engineering - Develop and deploy data and insights-driven microservices and composable architectures, enabled by industrialised DevOps.

For G-Cloud 14, we have curated a range of services grouped into themes (see Figure 2) which align to our Global Cloud Services and that can be procured separately or together to meet your specific requirements.

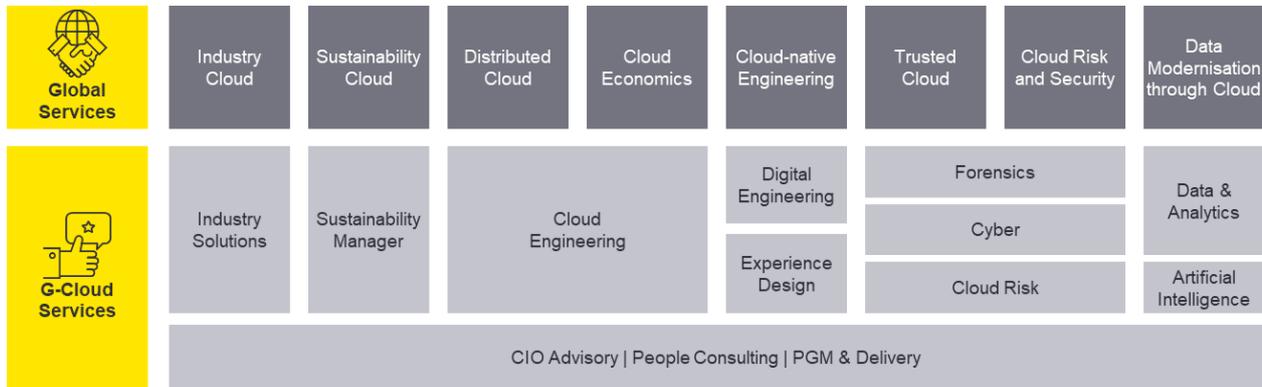


Figure 2 - EY G-Cloud 14 Service Themes

EY has been recognised as a:

- ✓ Leader in the Gartner Magic Quadrant for completeness of vision and ability to execute and have scored highest in Strategy and Consulting, Data Management and Governance Use Cases.
- ✓ Leader in Cloud Security and Microsoft Implementation Services by IDC MarketScape
- ✓ Top cloud professional services provider, based on an analysis of our capabilities and strategies by IDC MarketScape
- ✓ Leader in the 2023 Cloud Services in Insurance PEAK Matrix by Everest Group

2. Service detail

2.1. Introduction to the Service

EY enables secure cloud transformation journeys by orchestrating cloud and technology providers as well as providing the required security services for compliant and resilient cloud business models. We deliver positive security transformation to the business through the design or review of cloud service architecture ensuring it meets business need and requirements for security, risks mitigation and conforms to the relevant policies and regulations, while balancing information and business risk against cost of controls.

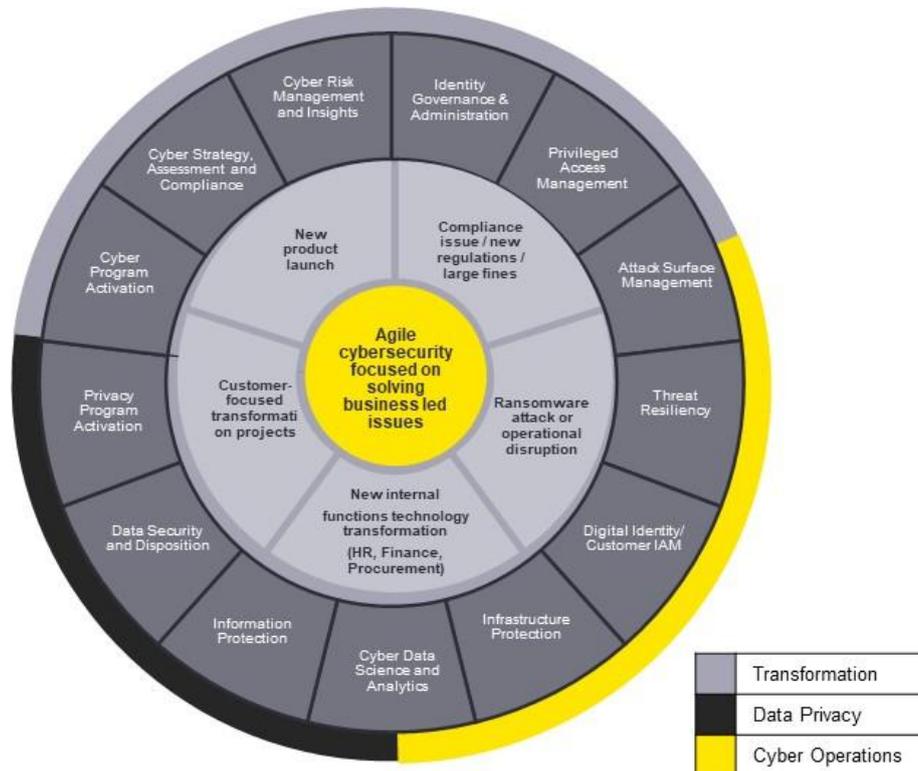


Figure 3 - EY Cyber Services

The components of this service are:

- ▶ Cloud Security Governance
- ▶ Security Capability and Cyber Strategy
- ▶ Extension of the Enterprise Security Framework into Cloud
- ▶ Cyber Operations
- ▶ Cloud Security Assessment
- ▶ Architecture and Engineering
- ▶ Cyber Resilience
- ▶ Platform and Apps Readiness
- ▶ Human Factors Security
- ▶ Cyber Board Advisory
- ▶ Cloud Security Audit

Through this service clients can achieve the following benefits:

- ▶ Compliance to industry and government cloud security standards
- ▶ Security architecture assessment and maturity review of the cloud services
- ▶ Consistent process across cloud providers and business units
- ▶ Effective cloud governance
- ▶ Regulatory compliance integrated to design and review
- ▶ Information security risk assessment and assurance
- ▶ Resilient cloud infrastructure design and review
- ▶ Alignment of cloud security strategy with the core information security strategy

- ▶ Defined cloud security patterns based on standards and leading practices

EY Cybersecurity supports trust in systems, design and data, so organisations can take more risk, make transformational change and enable innovation with confidence. EY teams accomplish the mission by developing solutions that can be used to assure security and resilience of key business transformation initiatives and/or business functions. These solutions are built using talent, experience and capability resident within the 5 competencies.

Security Strategy, Risk, Compliance and Resilience - This set of solutions helps organisations evaluate the effectiveness and efficiencies of their cybersecurity and resiliency programs in context of the business growth and operations strategies. The solutions apply consistently regardless of where they are applied (IT, IoT, OT, Cloud), provide clear measurement of risk and capture current risks to the organisation and demonstrate how cyber risks will be managed going forward. Each service can be combined to form a larger program or transformation effort.

Data Protection and Privacy - EY data protection and privacy services and solutions are designed to help organisations protect their information over the full data lifecycle – from acquisition to disposal. EY service offering helps organisations stay up to date with data security and data privacy good practices, as well as compliancy with regulation, in a constantly evolving threat environment and regulatory landscape. In the event of misuse or breach of personal information, the services can help companies forensically identify the scope and nature of the misuse or breach, and take steps to remediate and report on the event.

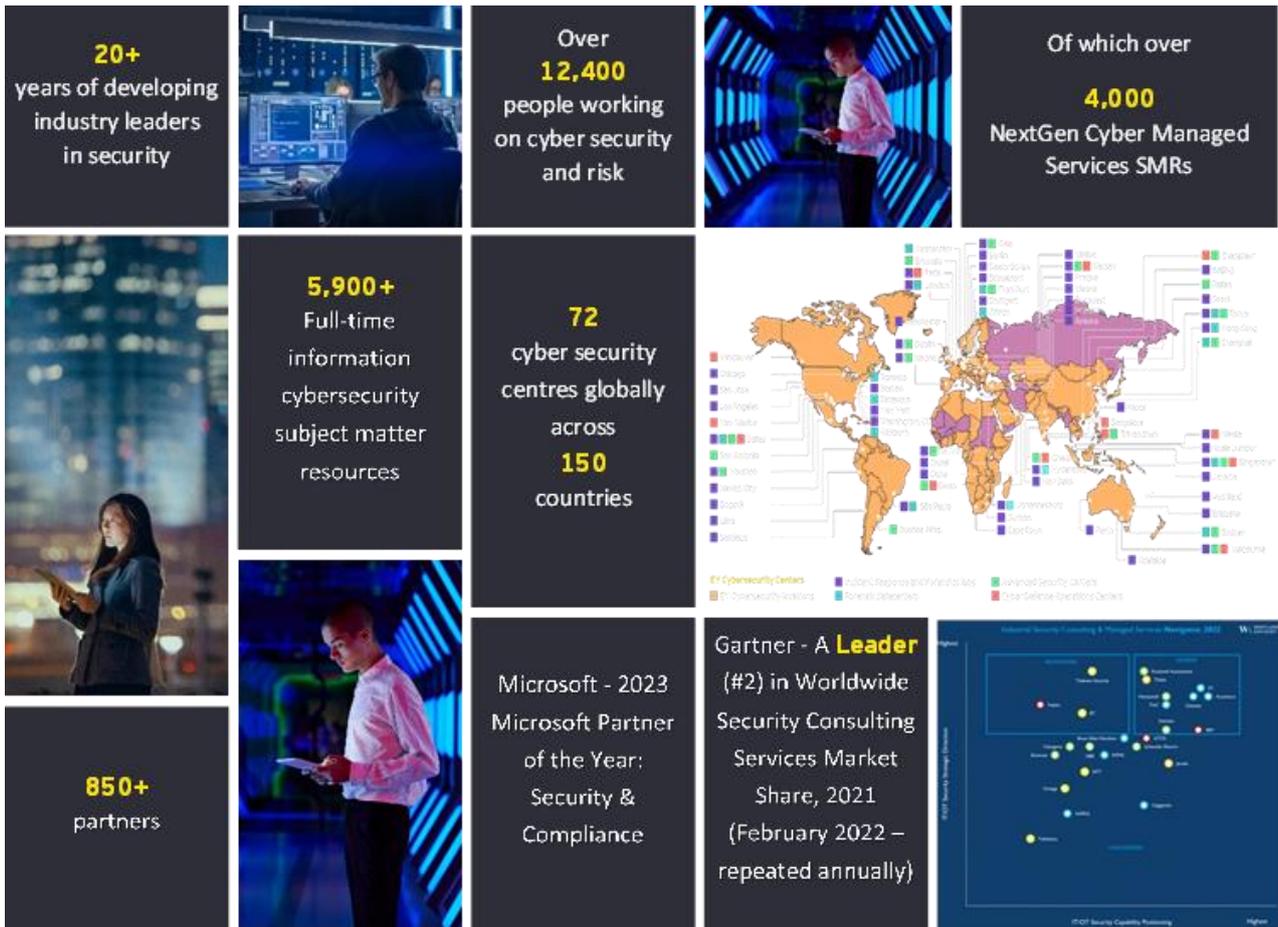


Figure 4 - EY UKI Cyber Key Metrics

Identity and Access Management (IAM) - This set of solutions helps support organisations with their definition of access management strategy, governance, access transformation and ongoing operations. IAM includes the processes and technologies collectively used to manage the lifecycle of digital identities (profiles) for people, systems, services and users, and is a crucial part of keeping a client's data and key resources protected from cyber attacks and limited to only those who should have access.

Security Architecture, Security Engineering, and Emerging Technologies - EY security architecture, security engineering, and emerging technologies services and solutions are designed to help companies protect their organisations from adversaries that would seek to exploit weaknesses in the design, implementation, and operation of their technical security controls, including disruptive technologies in the marketplace (e.g., cloud computing, blockchain, internet of things (IoT)/industrial control systems (ICS) devices, connected automotive, robotic process automation (RPA), etc.)

Next Generation Security Operations and Response - EY next generation security operations and response services along with a deep portfolio of advisory, implementation and managed services, can help clients build a transformation strategy and roadmap to implement the next generation of security operations, and provide the right amount of support to help you manage leading class security operations in a programmatic way.

Alliances

At EY, we deliver long-term value to our clients and society with our Alliance & Ecosystem Relationships by enabling secure transformations through integrated delivery of cybersecurity with other capabilities.

In today's complex cyber risk landscape, our clients need and value comprehensive reliable cybersecurity strategies and operations. EY stands out for its ability to create value for clients through future-proofed technology, that enable business outcomes, via our alliance ecosystem orchestration.

EY cyber professionals work closely with our alliance partners to combine transformational consulting experience with leading technologies. Together, we help businesses create dependable capable safeguards and strategies to detect, respond to and prevent, potential cyber attacks.

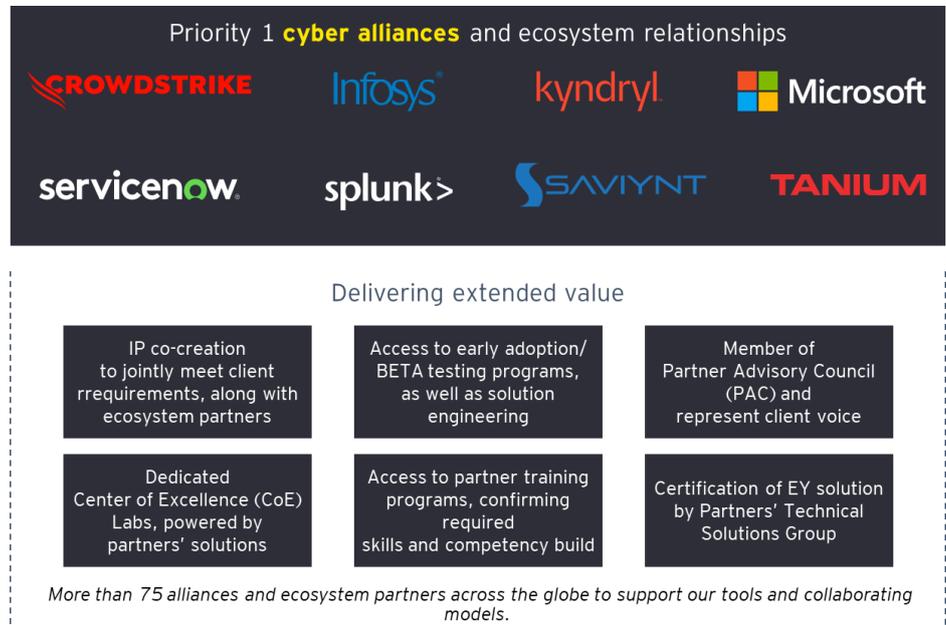


Figure 5 - EY Cyber Key Alliance Partners

2.2. Service Description

Cyber Board Advisory

EY can support organisations at the most senior level in understanding their cyber posture, capability and maturity of their organisation. We can help Boards' gain an informed view into the security risk of their organisation and realise their governance objectives for management of security risk.

Features:

- ▶ Review of organisational risk posture
- ▶ Assessment of key threats to the organisation
- ▶ Review of security risk reporting, monitoring and escalation
- ▶ Assessment of security staffing levels
- ▶ Support in completion of regulatory security assessments
- ▶ Review and design of senior security governance
- ▶ Creation of board level security terms of reference

Benefits:

- ▶ Enhanced confidence for senior leaders in security capabilities and preparedness
- ▶ Identification of improvement points to develop security
- ▶ External validation of strategic direction for security
- ▶ Strong governance and direction for security

Research tells us that only 20% of boards are extremely confident that the cybersecurity risks and mitigation measures presented to them can protect the organisation from major cyber-attacks. Organisations today are challenged to adapt to ever-changing ecosystem where new threats and attacks arise daily. At the same time, the attack surface for their organisation is continuing to expand as organisations increasingly innovate at scale and add new technology which offer new functionalities and channel greater amounts of data.

EY's Cyber programme accelerator (CPA) offers organisations an objective assessment of their cybersecurity programs and structures, provides recommendations on gaps, and helps decide the future state options.

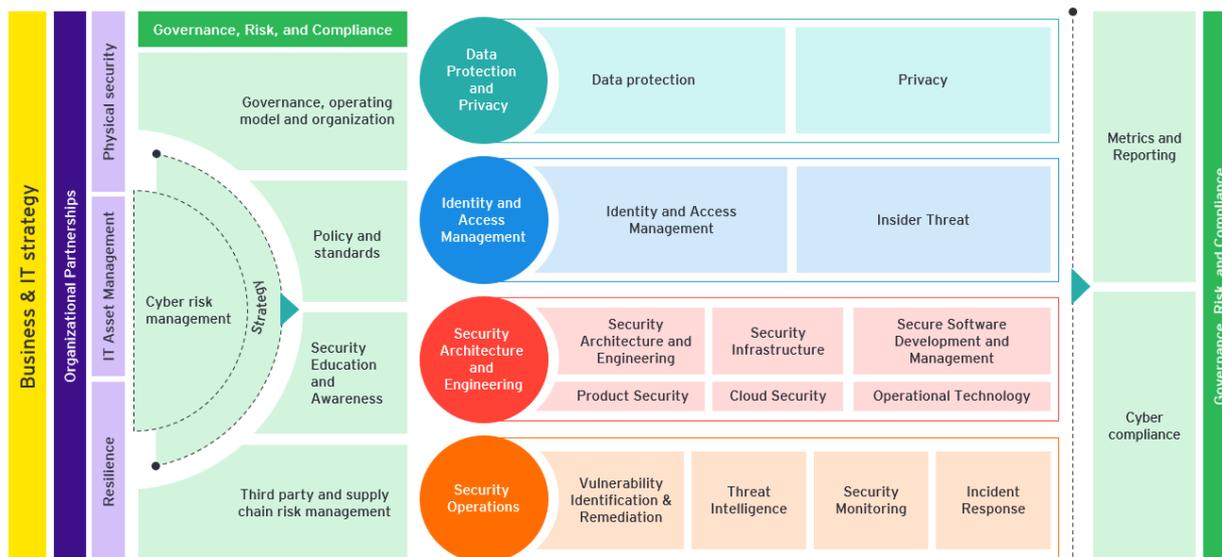


Figure 6 - CPA Categories

The CPA methodology provides a consistent approach to assessing an organisation's security posture in line with internationally recognised standards (such as ISO27001, NIST CSF, ISF SoGP, Cyber Essentials). Our methodology assesses 20 key areas of security, identifying gaps and weaknesses in an organisation and provides an actionable set of recommendations to drive improvements in the organisation's defences and security posture.

The CPA approach offers different options of assessment levels, ranging from a broad, high-level assessment of maturity, to a deep-dive into a specific information security area/component.

The CPA offers an objective assessment of the maturity of an organisation's cybersecurity programs and structures. The CPA reviews the processes, people and technology that an organisation uses to establish, implement, operate, monitor, review, maintain and improve its cybersecurity program. This approach provides organisations with:

- ▶ Identification of key business risks related to the maturity of specific cybersecurity domains areas
- ▶ Alignment of cybersecurity strategy with a focus on the organisation'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 data

Specifically, our reviews will provide an output that includes:

- ▶ A breakdown by domain of the key findings, maturity level and areas of improvement
- ▶ Executive reporting that outlines key strengths, areas of improvements, cyber threat landscape, recommendations, and roadmaps
- ▶ Roadmap of suggested future cyber improvements linked back to the issues identified

Additionally, our assessments can be extended with additional related reviews that also perform threat intelligence, physical security (site) reviews, technical vulnerability assessments, cyber risk quantification, benchmarking to provide a comprehensive review of your organisation's maturity.

We have provided cyber maturity assessments across the public and private sector. Often such assessments are used as the initial stage in preparing for a larger transformation journey. Likewise, our assessments can be a useful tool to determine what benefit has been derived after completion of a cyber improvement project or investment in new tools/technology.

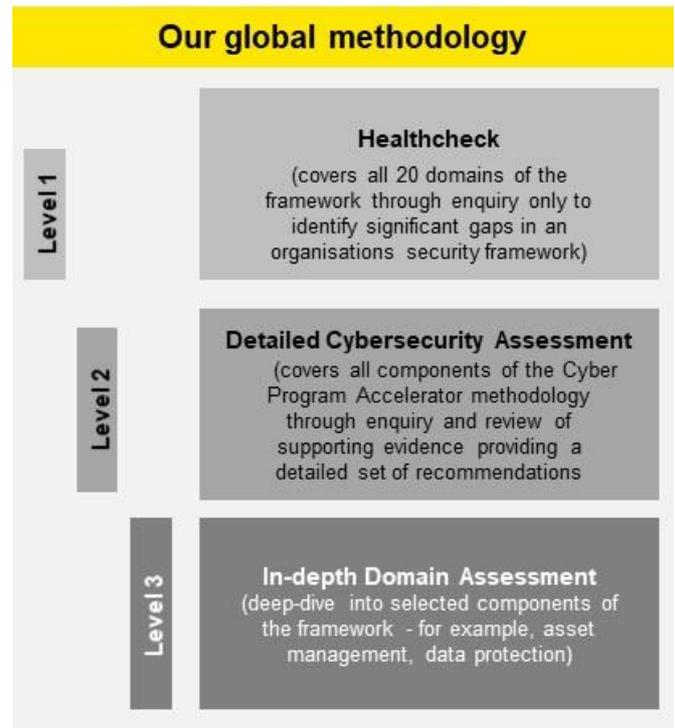


Figure 7 - CPA Tiers

3. Key contacts

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