

Cybersecurity Capability Assessment

The disclosure of more and more data breaches in the news recently has prompted the boards of directors to ask for regular cybersecurity reports. Cybersecurity capability assessments helps organizations stay informed and relevant while guiding them in decision-making.

Evolving market dynamics and data-driven economy are shifting organizations priorities to embrace the digital transformation ecosystems, such as Cloud, Edge Computing, Zero Trust, Internet of Things (IoT) and convergence of IT and operation technology (OT). It becomes increasingly critical for organizations to maintain **full situational awareness** of the threat landscape and improve the **cybersecurity posture and resiliency**.

Cybersecurity capability assessment provides an **independent** review by **seasoned cybersecurity experts** of organizations capabilities to manage risks.

Do you need a cybersecurity capability assessment?



Do you know if you are compliant with the current regulations and standards?

Are you sure that your valuable assets are efficiently protected?

Do you know if your security investments are effective and what are your next priorities and steps to take?

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The Cybersecurity Capability Assessment (CCA) identifies, measures, and reports on organization's cybersecurity capability, adequacy of safeguards and ability to respond and recover from cybersecurity threats. The CCA provides its key stakeholders with a scorecard on organizations current state security capability and prioritizes the next steps to effectively enhance the capability to desired state.

¹2019 Cost of a Data Breach Report

What Atos can do for you



Numeric score on Cybersecurity capability and readiness

Provide a complete risk oversight into the current state capability through industry-defined frameworks



Holistic and in-depth approach

Analyze business, regulatory and technology objectives, as well as constraints and operations



Roadmap to target state

Drive towards the desired capability with prioritized and prescriptive recommendations, supported by risk informed strategy

A risk-based approach to cybersecurity capability assessment services

Atos CCAs risk-focused approach provides valuable insights into the as-is cybersecurity capability with a concise roadmap to accomplish the to-be capability. Atos CCA assessment approach applies industry defined frameworks adopted and recognized by leading enterprises and various government agencies.

The assessment and evaluation process examines in detail the organizational core objectives, business goals, regulatory landscape, the associated risks and potential threats, as well as the existing security safeguards effectiveness. The objective is to develop organizations risk profile and capability scores.

The risk profile and capability scores are mapped to the Framework Implementation Tiers² designed to primarily aid organizations to make the shift from a reactive to proactive decisions to address the risk and threats guided by risk-management principles.

The Framework provides organizations with the flexibility to categorize, select applicable security safeguards and prioritize the implementation to map to an organization's desired capability or target state and measure the progress and capability enhancements.

Atos framework employs agile principles to continuously evolve to reflect the changing market needs and market dynamics, which in turn drive the organizations cybersecurity capability enhancement and use risk-based approach and risk-informed decisions that focus on foundational security principles.



Prepare

Prepare the environment and gather required artifacts, perform documentation review and interviews



Analyze

Perform in-depth assessment of current capabilities



Deliver

Evaluate objectives, develop risk profile and capability score



Roadmap

Develop a prioritized roadmap to enhance the as-is capability to desired capability and justify the investment

Key characteristics and deliverables



Assessment profile



Cybersecurity Capability Score



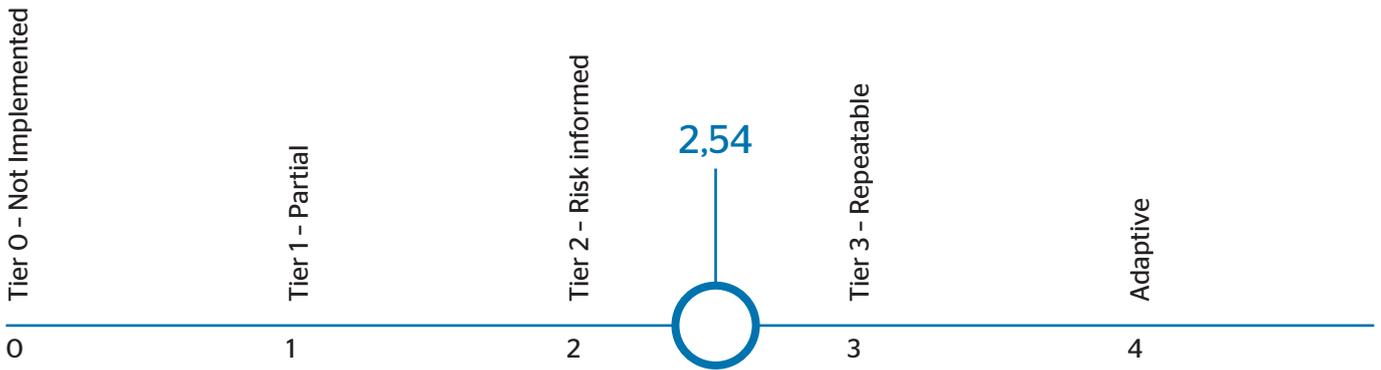
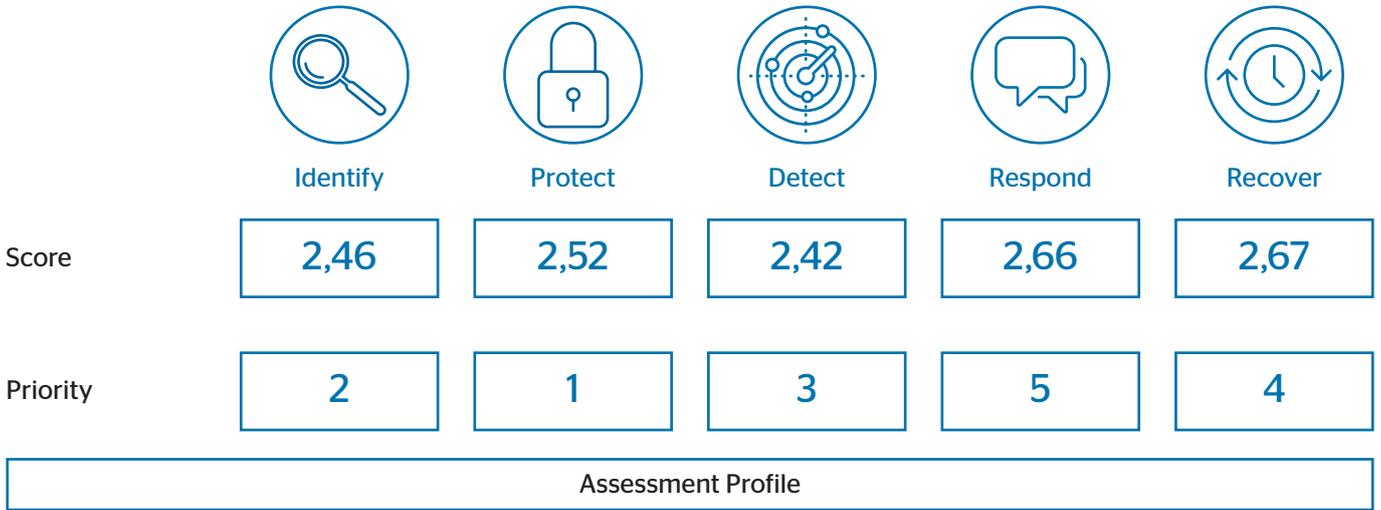
Prioritized action plan and milestones



Executive summary and report

²Tier1 (partial), Tier 2 (risk-informed), Tier 3 (repeatable), Tier 4 (adaptive).

Assessment Profile Score



Atos added value on cybersecurity capability assessment services

Atos CCA uses people, process, tools methodology, to measure cybersecurity strategy & effectiveness that allows an organization to develop both strategic and tactical plans that match cybersecurity investments to organizations' objectives. Our global capabilities, industry focus and breadth of expertise supported by a deep pool of talent leveraged through strong partnerships and alliances position us as your trusted partner for IT excellence.

Atos CCA enhances the cybersecurity strategy decisions using risk-based approach to protect organizations data and valuable assets. Atos CCA additionally equips organization with situational awareness and effectiveness of cybersecurity investments. Atos methodology is tailored to address organizations specific needs and market trends, and differentiates itself from a "one size fits all" approach.

About Atos

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Let's start a discussion together



For more information: atos.net/en/solutions/cyber-security-products/data-protection-governance/cybersecurity-capability-assessment-cca-services

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