

The background of the entire image is a photograph of the Tower Bridge in London at night. The bridge's two towers are illuminated with warm yellow lights, and the suspension cables are visible against the dark blue twilight sky. The overall scene is atmospheric and serves as a backdrop for the event information.

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Case Study: Best Practices for Modernizing Enterprise and Cyber Risk Management

Joe Martinez

Chief Security Officer

Aon

Joe Martinez

Chief Security Officer - Aon

- CSO @ Aon responsible for the firm's cyber, risk, & physical security practices
- 30+ Year Technology/Security background
- Previously worked at JPMorganChase, Washington Mutual
- 12 Year U.S. Marine Corps veteran, including combat engagements in the 1991 Persian Gulf War



Company Background

Aon is in the business of better decisions

Aon exists to shape decisions for the better — to protect and enrich the lives of people around the world. Our colleagues provide our clients in over 120 countries with advice and solutions that give them the clarity and confidence to make better decisions to protect and grow their business.

50,000

colleagues around the world

120+

countries with Aon clients

Through our experience, global reach and state-of-the-art analytics, we are better able to help clients meet rapidly changing, increasingly complex and interconnected challenges across four areas of need:

Navigating new forms of volatility

Building a resilient workforce

Rethinking access to capital

Addressing the underserved

Commercial Risk Solutions

Shifts in technology, economics and geopolitics are creating unprecedented volatility. We help clients identify, measure and manage their risk exposure.

\$75B+

of bound premium placed annually

Health Solutions

Health is declining, costs are rising and workers have vastly different needs. We help companies improve employee health and wellbeing while managing costs.

\$180B

of healthcare premium directed annually¹

Reinsurance Solutions

Businesses, governments and communities need to become more resilient. Our expertise and insight help (re)insurers navigate uncharted territories and create more relevant solutions.

\$45B+

of bound premium placed annually

Wealth Solutions

Global business is becoming increasingly difficult to navigate. We help employers, fiduciaries and investment officers optimize results and provide a more secure future for their stakeholders.

\$4.1T²

of assets under advisement

AON

¹Includes \$30B of fully-insured premium and \$150B of self-insured premium equivalents.

²As of 6/30/2021, includes non-discretionary assets advised by Aon and its global affiliates which includes retainer clients and clients in which Aon and its global affiliates have performed project services for over the past 12 months. Project clients may not currently engage Aon at the time of the calculation of assets under advisement as the project may have concluded earlier during preceding 12-month period.

Enterprise Risk Challenges

- Constantly evolving threat picture
- Breadth of technology innovation & change
- Regulatory, compliance and client demand
- Talent acquisition and retention
- Measuring and quantifying risk/controls

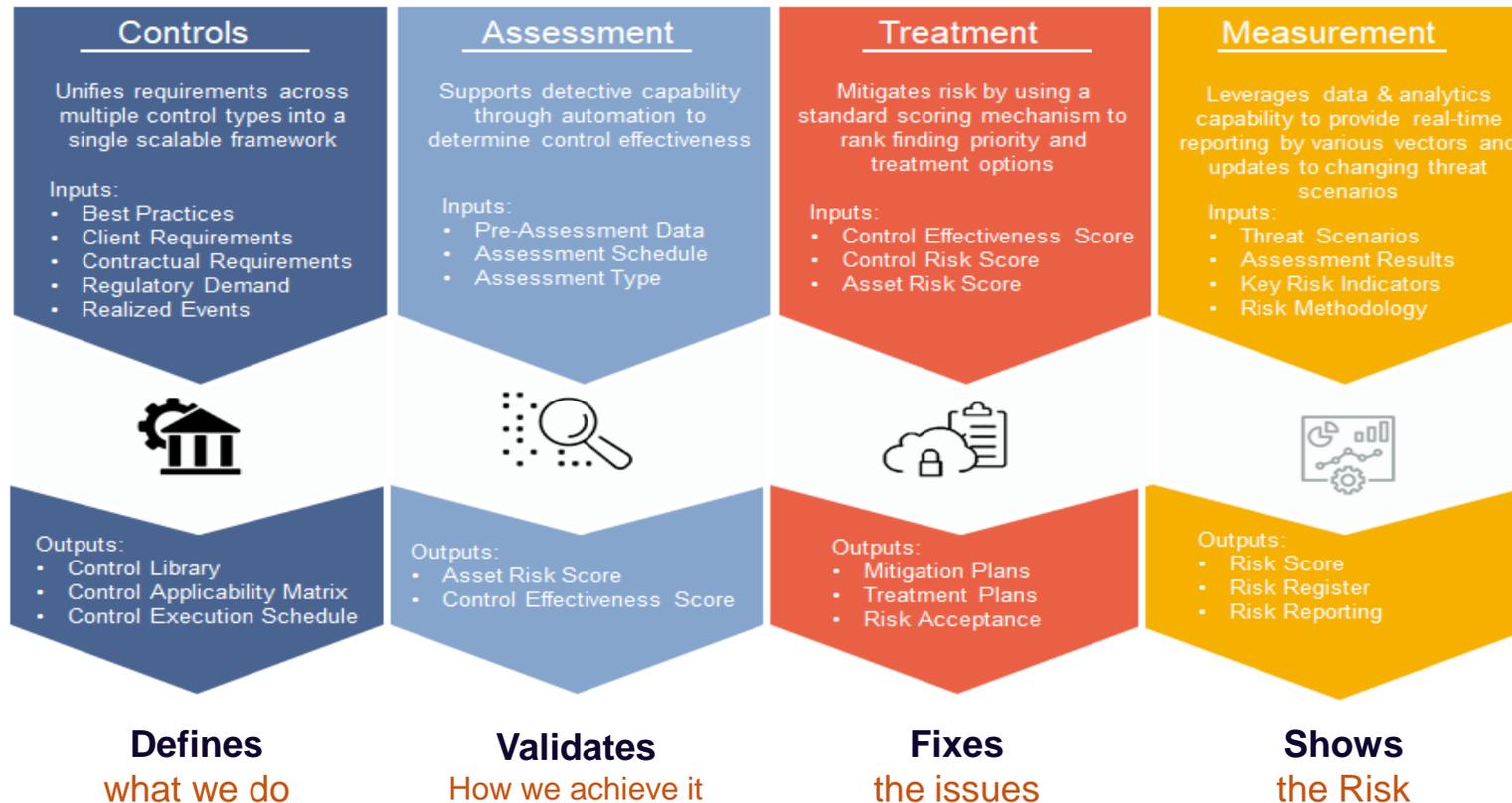


*McKinsey 2022 Cybersecurity Trends Report

*'Everyone passes audits, inspections, assessments & reviews – but the frequency of breaches and successful attacks continue at record pace. **Are we measuring risk effectively?**'*

Governance Risk and Compliance Framework

A Method to Measure Control Effectiveness

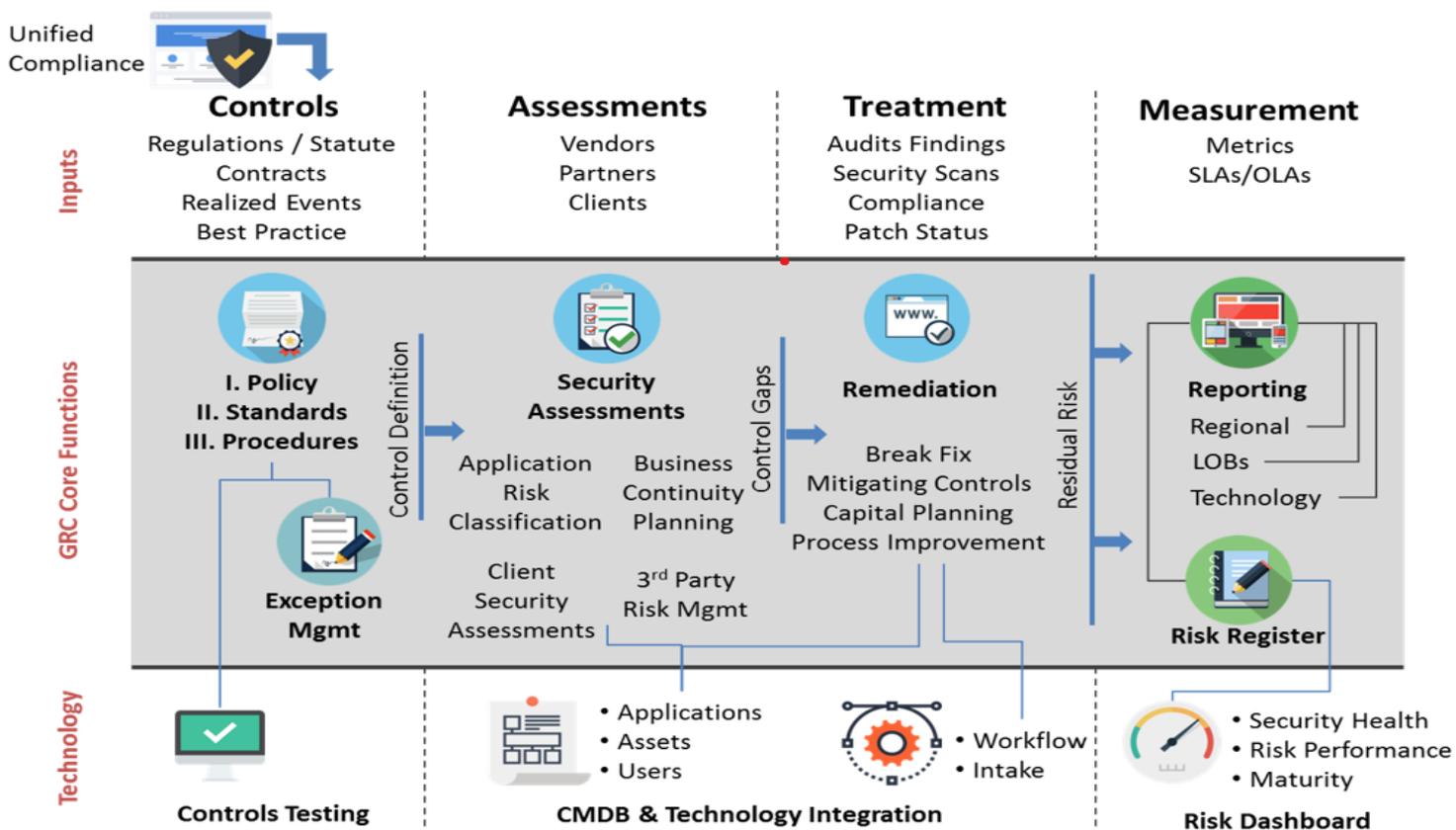


What does Control Effectiveness mean?

- Determine the scope of your control (Breadth)
- Understand if the control works as intended (Depth)
- Ascertain the maturity of the control (Fidelity)

GRC in Action - How it's implemented

- The Governance Risk and Compliance (GRC) Platform delivers on the core components of the risk governance pillars by providing a **workflow** and **interface** to execute on each of the component pillars
- This allows for a unified/shared **data** set supporting varying risk management domains and stakeholders to define, ascertain, manage and report on their control effectiveness



Advice to Risk Executives/Leaders

- **Conduct a baseline** and build a strategy that takes you from today to the future with a defined roadmap
- **Build Awareness & Security IQ**
- **Focus on the Fundamentals** of IT and Security (asset, access, software & data mgmt., etc.)
- Simulate and **Wargame at all levels** of event management (Security & Technology, Risk Leadership & Business, Executive & Board)
- **Measure your Control Effectiveness**, Measure again, Measure some more.
- Build and **rely on your network** of CISO/CSO's to learn what works and what's failed. There is no competitive differentiator when it comes to Cyber.

'You can't manage what you don't know, you can't secure what you don't manage'



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Thank You

 **metricstream**
thrive on risk™