

Choose the Right Vendors



C2

Making decisions is easy.....

.....it's making the right ones that is harder

C2 Cyber helped multiple stakeholders to gain a common understanding of the likely roadmap for continuous improvement to the security architecture over the coming years, thus reducing the risk that future investments will be disproportionately influenced

When the majority of the world's premier financial institutions use your trading and investment infrastructure carrying trillions of transactions per year, understanding the impact of your security tooling decisions has global economic consequences.

A leading financial trading company turned to C2 Cyber to review their existing architecture and undertake a strategic review of the security tooling marketplace to inform their decision to implement Office 365. The resulting study provided:

- A roadmap for future security architecture
- A business case supporting Office 365 implementation underpinned by savings and rationalization opportunities
- 37 distinct and prioritized recommendations for security improvement underpinned by the NIST CSF framework

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Industry Challenges

The financial services industry has long been on the front line of the security war and has the additional rigours of intense regulation to contend with. The technology transformation that has occurred in the industry has also created its own risks and biases that make the landscape even more complex:

- The ever-increasing threat has spawned a mix of complex standalone security tools and remedies, few of which integrate with or compliment each other
- Cloud service providers continue to amass broader security solutions within their standard tool sets which encourage “stickiness” but do not work with customized solutions
- The latest or more heavily promoted technologies will often receive greater coverage and attention, risking bias in their assessment
- There is wide variation in the extent to which different security capabilities extend into the business and this requires careful management of governance, ownership, policy, process, skills and training

Specialist assistance

C2 Cyber was engaged to review security tooling across three dimensions:

- Coverage –covering the right risks without gaps or overlaps
- Cohesion – integrating damaging silos
- Sustainability – ensuring essential future innovation safely

We adopted a four step approach for this review:



The approach was underpinned by both the National Institute of Standards & Technology Cybersecurity framework (NIST CSF) and correlated with ISO 27001 controls.

According to the NIST CSF framework each category and subcategory was scored for relevance, strength of tooling and strength of overall capability.

While the review was focused on tooling, it was critical to include associated governance, policy, process and people aspects.

Our final deliverable presented an outline of the various capabilities across the business, linking to other processes and business functions with prioritized recommendations and roadmap. We also provided a comprehensive report with each NIST sub category scored against tooling and overall capability fit.

Holistic Benefits

The outputs from the review achieved its aim in the form of a clear tooling roadmap, a business case for Office 365 implementation and detailed security recommendations. However, the softer benefits were arguably even more useful, giving multiple stakeholders a clearer view of:

- the entire security tooling life cycle
- the extent to which systems and processes are inter-related
- how essential it is to plan effectively for the future both tactically and strategically

*C2 Cyber – Automating vendor solutions to focus on the risks that **will** matter*

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