

# Cyber Maturity Assessment (CMA)



A comprehensive assessment of your cyber security posture, aligned with the NCSC Cyber Assessment Framework (CAF) v4.0

Protos Networks' Cyber Maturity Assessment (CMA) helps organisations understand how prepared they are to handle today's cyber threats. Built around the latest version of the National Cyber Security Centre's **Cyber Assessment Framework (version 4.0)**, the CMA looks at how well you manage risk, protect your systems, detect potential attacks and respond to incidents. It gives you a clear picture of where you're strong and where improvements are needed.

## What's New in CAF v4.0?

The latest update to the CAF makes several significant changes. It emphasises understanding how attackers think and operate so that organisations can make better risk-based decisions. It also provides more explicit guidance on secure software development, ensuring security is built into systems. CAF v4.0 highlights the need for proactive threat hunting and stronger monitoring to identify issues earlier. Finally, it recognises the growing risks linked to artificial intelligence and calls for these to be considered part of cyber resilience planning.

CAF v4.0 is closely tied to upcoming laws and regulations. It will underpin compliance with the **UK's Cyber Security and Resilience Bill**, which is set to make CAF a legal requirement. Its principles also align with the **EU's NIS2 Directive**. By adopting CAF v4.0 now, organisations can strengthen resilience while preparing for UK and EU regulatory obligations.

## Protos Networks Cyber Maturity Assessment (CMA)

Our Cyber Maturity Assessment measures how well your organisation performs against the principles in CAF v4.0. It gives you a straightforward view of where you're doing well and where attention is needed.

Some of the key elements of the assessment include:

- A simple scoring model showing whether outcomes are achieved, partially achieved, or not achieved.
- The new areas introduced in CAF v4.0 include threat analysis, threat hunting and secure software development.
- A gap analysis with practical recommendations and a roadmap to strengthen resilience.
- Easy-to-read visuals, including heatmaps that show maturity levels across CAF objectives.
- A traceability matrix that links your results back to the CAF principles.

## Key Benefits

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Preparedness for the UK Cyber Security and Resilience Bill and alignment with NIS2.

A clear view of strengths and weaknesses across your cyber resilience.

Practical recommendations and a roadmap to guide improvements.

Consideration of emerging risks, including AI and evolving attacker tactics.

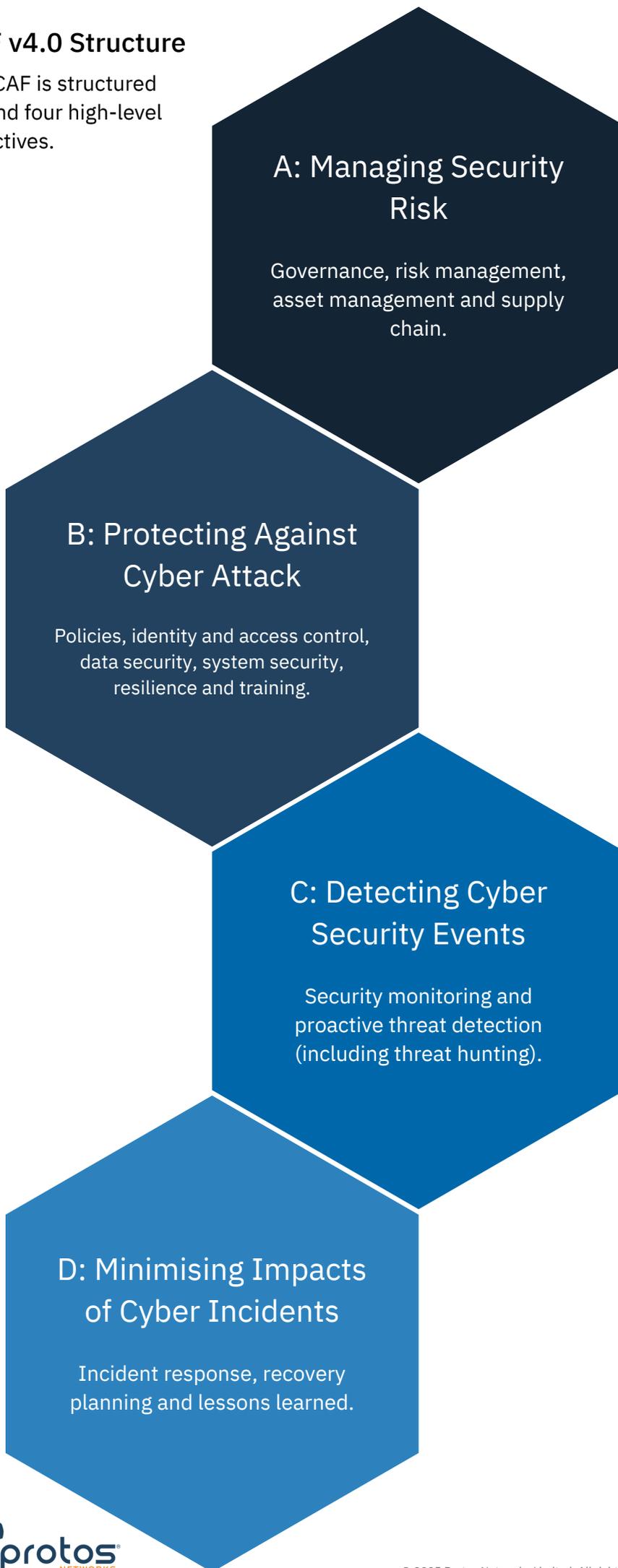
Greater confidence for regulators, customers and partners.

Future-proofed approach for essential services and critical national infrastructure (CNI) suppliers.

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## CAF v4.0 Structure

The CAF is structured around four high-level objectives.



## CMA Deliverables

A detailed maturity assessment report.

Heatmaps showing resilience levels across each CAF objective.

A gap analysis with prioritised recommendations.

A practical roadmap to strengthen cyber resilience.

Evidence that links assessment results directly to CAF v4.0 principles.

Protos Networks doesn't just assess your security - we help you improve it. Our team can guide you through various security frameworks and certification standards such as ISO 27001 and Cyber Essentials Plus, deliver multiple forms of penetration testing, provide 24/7 SOC monitoring, and strengthen your network security. In short, we ensure the recommendations can be implemented for measurable improvements.

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