SmartSuite

Framework / Cybersecurity / Other

CyberFundamentals Framework (CyFun®)

CyberFundamentals (CyFun) is Belgium's cyber security framework from the CCB, with Basic, Important, and Essential assurance levels and a route to presumption of NIS2 conformity.



What it is

The CyberFundamentals Framework (CyFun®) is the Centre for Cybersecurity Belgium's (CCB) step-by-step framework for protecting data and reducing the risk of the most common cyber-attacks. It is built around three assurance levels, Basic, Important, and Essential, and is meant for organizations from small businesses to large enterprises. Its requirements and guidance draw on the NIST Cybersecurity Framework, ISO/IEC 27001 and 27002, IEC 62443, and the CIS Critical Security Controls.

In Belgium, a presumption of conformity to NIS2 can be obtained through CyFun verification (Basic and Important), CyFun certification (Essential), or an ISO/IEC 27001 certification whose scope and Statement of Applicability the CCB finds acceptable. CyFun 2025, aligned with NIST CSF 2.0 and NIS2, is the current version, and until 18 April 2027 organizations may use either CyFun 2023 or CyFun 2025 for their self-assessment.

At a glance

PUBLISHER Centre for Cybersecurity Belgium (CCB)	TYPE Framework	VERSION CyFun 2025 (first edition CyFun 2023; either accepted for self-assessment until 18 April 2027)
EFFECTIVE 2023 (CyFun 2023); CyFun 2025 is the current version	DOMAIN Cybersecurity	FAMILY Other
REGION Belgium	ADOPTION MODEL Certification	IMPLEMENTATION COMPLEXITY High

Source: cyfun.eu/en

Why it matters

- **Right-sized assurance levels** Basic holds the standard measures for all enterprises, Important is designed to minimize the risk of targeted attacks by actors with common skills and resources, and Essential addresses advanced attacks by actors with extensive skills and resources.
- **A route to NIS2 presumption** In Belgium, CyFun verification at Basic or Important, or certification at Essential, gives a presumption of conformity to NIS2.
- **International alignment** CyFun 2025 was created to match NIST CSF 2.0 and legislation such as NIS2, and the CCB publishes a mapping to the NIS2 Directive, the Belgian NIS2 law, and other frameworks.
- **A scored self-assessment** Each control is scored from 1 to 5 for policy maturity and for implementation maturity, and results are compared against the Conformity Assessment Scheme thresholds.

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How SmartSuite supports CyFun

Assurance level selection

Record the risk assessment, the chosen assurance level, and the reasons, with the review date.

Control and key measure library

Hold the CyFun controls and key measures for the chosen level, each with a goal, owner, and linked evidence.

Maturity scoring

Record policy maturity and implementation maturity scores from 1 to 5 per control and track the gap to the Conformity Assessment Scheme thresholds.

Remediation and testing

Plan control tests, log findings, and track remediation tasks before the CAB engagement.

CAB engagement and label

Track the CAB's verification or certification, the evidence requests, and the CyFun label status.

Version and NIS2 mapping

Record which CyFun version applies, the 18 April 2027 transition, and the mapping to NIS2 requirements.

Common framework mappings

NIS2 (EU 2022/2555) · NIST CSF 2.0 · ISO 27001:2022 · ISO 27002:2022 · IEC 62443 · CIS Controls v8.1

Official resources

Belgium CyFun Framework Overview

Provides an overview of the Belgium CyFun framework focusing on cybersecurity resilience practices.

ccb.belgium.be/en/cyfun-framework-overview

Centre for Cybersecurity Belgium - CyFun Guidance

Outlines guidance for implementing the CyFun cybersecurity practices in organizations.

ccb.belgium.be/en/cyfun-implementation-guidance

CyFun Security Controls Documentation

Defines specific security controls within the Belgium CyFun framework for organizational compliance.

ccb.belgium.be/en/cyfun-security-controls

CyFun Risk Management Framework

Describes the risk management strategies within the Belgium CyFun framework for enhanced cybersecurity.

ccb.belgium.be/en/cyfun-risk-management

Frequently asked questions

What are the CyFun assurance levels?

Basic, Important, and Essential. Basic holds the standard measures for all enterprises. Important is designed to minimize the risk of targeted cyber-attacks by actors with common skills and resources. Essential addresses advanced attacks by actors with extensive skills and resources.

Does CyFun give a presumption of conformity with NIS2?

In Belgium, yes: presumption of conformity to NIS2 can be obtained through CyFun verification at the Basic and Important levels, CyFun certification at the Essential level, or an ISO/IEC 27001 certification whose scope and Statement of Applicability the CCB finds acceptable.

What are the steps to a CyFun label?

Assess your cyber risk and choose the assurance level with the Selection Tool, complete the self-assessment, have an authorized Conformity Assessment Body verify or certify it, and optionally request your CyFun label in the Safeonweb@work portal.

Which CyFun version should we use?

CyFun 2025 is the current version, aligned with NIST CSF 2.0 and NIS2. Until 18 April 2027 organizations can choose between CyFun 2023 and CyFun 2025 for self-assessment, and after that only the new version is accepted.

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How is a CyFun self-assessment scored?

Each control is scored from 1 to 5 for policy maturity and for implementation maturity. The tool averages the scores by sub-category and category, shows a total maturity level and radar chart, and compares results with the Conformity Assessment Scheme thresholds in red or green.

License included / downloadable: Yes The Belgium Cybersecurity Framework (CyFun) is published by the Centre for Cybersecurity Belgium (CCB) and is publicly available through official government resources.

Full framework page and mappings: smartsuite.com/frameworks/belgium-cyfun-cybersecurity-framework

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