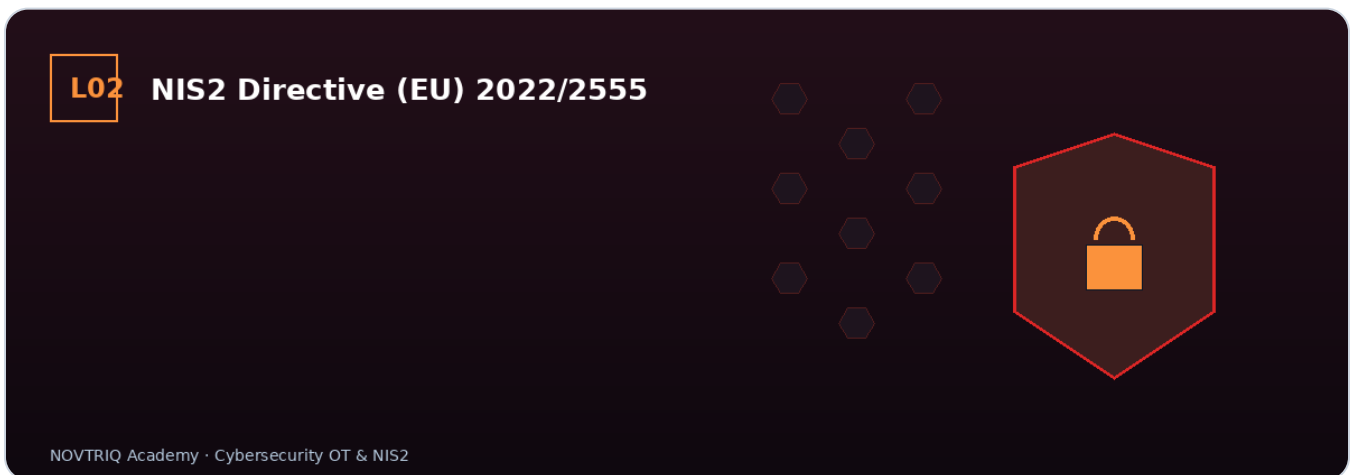


FREE

CYBERSECURITY OT & NIS2

NIS2 Directive (EU) 2022/2555

NIS2 Directive (EU) 2022/2555 — scope, obligations, penalties.



· Cybersecurity OT & NIS2 Lesson 2 of 10

NIS2 is the EU's upgraded cybersecurity directive. Replaces NIS1; expands sectoral scope to include large building operators, energy, transport, finance, manufacturing, public administration.

For built environment professionals: BMS, smart buildings, critical infrastructure increasingly captured.

Learning objectives

Remember	Key concepts.
Understand	Why OT differs.
Understand	Frameworks and controls.
Apply	Recognise risk on a real project.

1 • Scope and entities

"Essential entities" (energy, transport, finance, health, water, digital infrastructure, public admin) and "Important entities" (postal, waste, food, manufacturing, digital providers, research). Size criteria: medium (50+ employees, €10M+ turnover) typically captured.

2 • Obligations

Risk management measures (Article 21) — policies, incident handling, business continuity, supply chain security, vulnerability disclosure. Reporting obligations (Article 23) — significant incidents reported within 24 hours initial, 72 hours detailed, 1 month final.

3 • Governance and accountability

Management body responsibility for cybersecurity. Mandatory cybersecurity training for management. Personal liability for senior management on non-compliance.

4 • Penalties

Up to €10 million or 2% of global annual turnover (essential entities) / €7M or 1.4% (important entities). Personal sanctions for management possible.

5 • What this looks like on a real project

UK UK NIS Regs 2018 + amendments

UK retains its NIS Regs 2018 (transposed NIS1); not aligned to NIS2. UK government consulted on updates 2024–2025; reform pending.

EU Member-state transposition delays

Many member states behind on NIS2 transposition; EU Commission has opened infringement proceedings against several.

UAE UAE Cybersecurity Federal Decree-Law

Federal Decree-Law No. 34 of 2021 covers ICT crime; CIA Cybersecurity Council issues sector-specific guidance.

6 • Why this matters

NIS2 expanded scope to ~160,000 entities in the EU — including most building operators and engineering firms. You can now check whether your organisation is in scope, what obligations apply, and what ‘substantial incident’ reporting really requires. That’s not future risk; it’s now-risk.

Quiz

Your score

0 / 5

1. NIS2 transposition deadline:

a) 2020

b) 17 October 2024

c) 2030

d) None

2. NIS2 incident reporting initial deadline:

a) 24 hours

b) 72 hours

c) 1 week

d) Annual

3. NIS2 max penalty for essential entities:

a) €1M

b) €10M or 2% global turnover

c) Unlimited

d) None

4. NIS2 brings into scope (large building operators):

a) Public administration buildings

b) All single-family homes

c) Architectural firms

d) None

5. UK current position vs NIS2:

a) Fully aligned

b) Retains NIS Regs 2018; reform pending

c) Repealed all cyber laws

d) Stricter than NIS2

Answers (for print): 1b · 2a · 3b · 4a · 5b

Resources

PRIMARY SOURCES

- Directive (EU) 2022/2555 (NIS2).
- ENISA NIS2 implementation guide.

STANDARDS AND GUIDANCE

- UK NIS Regs 2018 (legacy).
- UAE Federal Decree-Law 34 of 2021.

INDEPENDENT COMMENTARY

- ENISA reports on NIS2 implementation.
- Industry analysis (KPMG, Deloitte, EY publications).

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