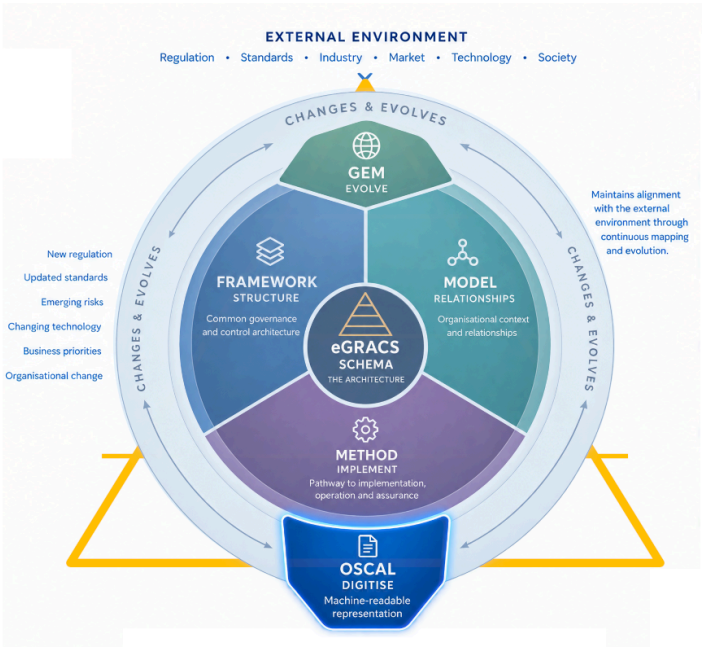
eGRACS™ OSCAL

Governance your systems can read

This is one of six short guides, each focused on a single component. This one is about the OSCAL Catalog — the architecture expressed in a form machines can use, not just people.



eGRACS OSCAL: The architecture, expressed as machine-readable governance information.

What the diagram shows

The eGRACS Schema sits at the centre of the broader architecture. Framework, Model and Method form the principal architecture; OSCAL provides machine-readable representation; GEM supports alignment with external change.

How to read it

The eGRACS architecture is a common reference point. Each component provides a different lens into how governance can be structured, connected, implemented, digitised and kept aligned as circumstances change.

About this series

eGRACS is a unified structural governance architecture, built from six connected components: Schema, Framework, Model, Method, the OSCAL Catalog, and GEM. Together they give an enterprise one consistent architecture for governance — stable at its core, adaptable at its edges, and built to stay aligned as regulations, technology and the organisation itself keep changing.

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***OSCAL doesn't define governance intent* — it lets governance intent, once defined, be expressed, exchanged and automated consistently.**

The problem

Governance information mostly lives in documents and spreadsheets that only one person, reading carefully, can interpret at a time — which makes it almost impossible to monitor continuously or connect to the systems that actually run the business.

What it is

The eGRACS OSCAL Catalog is the architecture expressed in OSCAL — the NIST Open Security Controls Assessment Language — a structured, machine-readable format. It turns the Framework's controls, and an organisation's Model of them, into data that software can read, not just people.

What this looks like in practice

Instead of a compliance officer manually cross-checking a spreadsheet against a GRC platform once a quarter, the same control information can feed monitoring tools, evidence pipelines and reporting dashboards continuously — because the underlying data has one consistent structure instead of a different format in every tool.

Who this is for

Platform owners, automation engineers, and DevSecOps teams building the technical plumbing underneath governance.

***Governance information that software can read is* governance information that stays current.**

Where to go for more

01/06 • SCHEMA	**02/06 • FRAMEWORK**	**03/06 • MODEL**
Orient	Structure	Connect
04/06 • METHOD	**05/06 • OSCAL**	**06/06 • GEM**
Implement	Digitise	Evolve

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