

— EA-WIZARD · COMPLIANCE

The compliance pack engine

A catalog-driven engine that separates the universal from the regional and the sector-specific — and auto-activates the right frameworks for each tenant's jurisdiction and industry.

EA-Wizard separates what is universal (GDPR, NIS2, ISO 27001) from what is regional (Loi 09-08, CCPA, LGPD, POPIA) and what is sector-specific (DORA for EU banking, BAM for Moroccan banking). Each pack auto-activates from the tenant's declared jurisdiction and industry.

4 compliance packs shipped	8+ regulatory frameworks	28+ evaluable controls (GDPR)	Auto per-tenant activation
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The engine

EA-Wizard's compliance engine rests on two system tables:

- `compliance_framework_catalog` — references all known regulatory frameworks (GDPR, NIS2, ISO 27001, DORA, Loi 09-08, BAM...), internationalised EN/FR.
- `compliance_control_catalog` — for each framework, its evaluable controls.

CATALOG, NOT CODE

Frameworks and controls are managed as catalog data, not hard-coded. A new regulatory framework — or a framework custom to your organisation — can be added without recompilation and without a major release.

Catalog history

MIGRATION	MILESTONE
V147 / V148	Initial framework + control catalog tables
V150	GDPR ships with 28 evaluable controls
V154	ISO 27001 controls seeded
V165 / V166	4-pack registry (Universal, Regional DP, Banking EU, Banking Morocco)
V172	CUSTOM framework type with tenant override flag
V178	CCPA / LGPD / POPIA controls seeded

Auto-activation logic

Each pack carries a *jurisdiction* × *industry* profile. When a tenant declares its jurisdictions and industry, matching packs activate automatically.

PACK	JURISDICTION	INDUSTRY
Universal	Global	Any
Regional DP	Multi (MA, CA, BR, ZA)	Any
Banking EU — DORA	EU	Banking
Banking Morocco — BAM	Morocco	Banking

A Moroccan bank tenant therefore receives: Universal + Loi 09-08 (Regional DP) + Banking Morocco BAM — without manual configuration.

The four packs in detail

1. Universal Pack — GDPR + NIS2 + ISO 27001

The cross-jurisdictional baseline: what any European organisation — or any organisation exposed to European requirements — must govern.

- GDPR: 28 evaluable controls shipped as standard.
- NIS2: cybersecurity posture for essential and important entities.
- ISO 27001: control catalog seeded for audit and certification.

2. Regional Data-Protection Pack

Data-protection regimes beyond GDPR.

- Loi 09-08 / CNDP (Morocco): RoPA, asset tagging, audit reporting.
- CCPA / CPRA (California).
- LGPD (Brazil).
- POPIA (South Africa).

3. Banking EU Pack — DORA

Digital operational resilience for European credit institutions. Auto-activates for EU tenants in the banking industry, covering control evaluation across the incident lifecycle and resilience testing.

4. Banking Morocco Pack — Bank Al-Maghrib

Eight BAM directives encoded as evaluable controls — the most tangible differentiator for Moroccan banks (sourced from the Recueil BAM, end-2023):

- Cloud outsourcing (Directive 4/W/2022).
- Business continuity plan (BCP).
- Governance and operational risk.
- Internal control; compliance function.
- Penetration-testing requirements.

Honest disclosure

The Banking Morocco pack is real and shipped — but at v0.1.0, not yet validated on a deployment supervised by Bank Al-Maghrib. Validation will come with our first Moroccan banking pilot. We prefer to state this plainly.

CUSTOM frameworks

For regulations specific to your organisation, or not yet built in: you define your controls, and the engine evaluates them exactly like any catalog framework.

On the roadmap

- Banking Africa Pack — BCEAO / BEAC (West & Central Africa).
- Banking France Pack — ACPR.
- Insurance Pack — Solvency II + ACAPS.
- Healthcare Pack — HDS (France) + local equivalents.

Coverage extends continuously. If a pack is critical for your organisation, tell us — prioritisation is shaped by client commitments.