AEXIA™ CARD

AI System Sheet

Official template V2.0 aligned with AEXIA™ Framework V3.1 October 2026

How to use. One system = one card. Fields with a grey key map to the JSON schema (aexia_card_schema). No level is obtained by declaration: every gate decision points to an evidence file. Update the card at every gate passage and every incident.

Card ID		**Card version (x.y.z)**	
Framework version	AEXIA™ V3.1	**Card status**	☐ Draft ☐ In review ☐ Approved ☐ Archived

ID: AEXIA- followed by 8 uppercase letters or digits (field id) Version: three numbers separated by dots (field version).

1 Identification

System name *system_name*	
Internal code	
Purpose and supported decision	
People affected	
Fully automated decision (GDPR art. 22)	☐ Yes ☐ No
Business owner (Data Owner)	
Technical lead	
XAI Data Steward	
First deployment date	
Production model version	
Last card update	

2 AI Act classification

Risk category *classification_ai_act*	☐ Unacceptable (art. 5) ☐ High risk, Annex I ☐ High risk, Annex III ☐ Limited risk (art. 50) ☐ Minimal risk
Applicable annex and point	
Applicable date	☐ 2 Dec 2027 (Annex III) ☐ 2 Aug 2028 (products, Annex I)
Classification rationale	
AEXIA effort level (proportionality)	☐ Light ☐ Standard ☐ Full
Last review / next review	

3 AEXIA™-S level

Current level (S0–S9)		**Expected level S_att**	
Date obtained		**Deciding body**	
Environment		**Data readiness level**	

The level is that of the least mature component (weakest link). S_att depends on the system's criticality and intended use.

Gate	Required artefacts	Body	Date	Decision	File / comment
S2 → S3	AI Act risk sheet, classification, data-readiness review	Data Owner + Data Steward		☐Passed ☐Failed	
S5 → S6	XAI method justification, quality thresholds, risk quantification	DGC (critical gate)		☐Passed ☐Failed	
S7 → S8	Complete compliance file, frozen reference dataset, monitoring procedure	DGC + DPO		☐Passed ☐Failed	
S8 → S9	Active monitoring pipelines, drift thresholds, tested downgrade procedure	DGC + DSI		☐Passed ☐Failed	

"Body" column: decision-makers set by AEXIA V3.1. Attach the evidence-file reference for each decision.

4 Weakest link and organisational context

Determining component	
Description	
Remediation plan	
Owner / target deadline	
Organisation's published AEXIA™-O level	
O × S matrix cell	☐Normal ☐Tolerated ☐Authorised under condition ☐Prohibited ☐ Major alert

5 Explainability method and measures

Selected method *xai_method*	☐SHAP ☐LIME ☐DCME ☐ANCHORS ☐DiCE ☐Integrated Gradients ☐ Other:
Rationale	

Measure	What to report	Value	Status
DCME	Causal graph G (reference, version, rationale)		
DCME	Identifiability defensible? Otherwise publish ϕD only	☐Yes ☐No	
DCME	Graph sensitivity; efficiency and $\Sigma\psi = 0$ checked (tolerance 10^{-4})		☐Checked
ECS	Radius ε (in σ), number of neighbours N, normalisation		
ECS	ECS and bootstrap confidence interval		

ECS	Fidelity (measure and value)		
ECS	Random / constant controls		☐Consistent
ECS	Policy threshold and status		☐Met ☐Not met
RAD	Criticality β (1–4), S_att, S_eff		
RAD	Contribution to portfolio RAD-lite (β × gap over β × S_att)		
RAD	Gap age (months open)		

ECS rules (V3.1): always ε, N, normalisation and fidelity; two controls; several radii; confidence interval. Cumulative RAD variant: optional, T½ to be declared.

Customer explanation (time)		**Regulator explanation (time)**	
Alert (time)		**Other commitment**	

Time limits: organisation policy values, not prescribed by AEXIA.

6 Data

Data readiness level *data_readiness*	
Reference dataset (frozen version)	
Last quality review	
Data lineage and sources	
Known biases identified (TriAxis ref.)	

7 Monitoring and downgrade

Trigger (v3.3)	Effect	Configured threshold or detection rule
Data or concept drift	S9 → S6	
Explainability incident	S9 → S7	
Significant population change	S9 → S6	
Applicable regulatory change	S9 → S8	
Model change (retraining)	S9 → S7	

Drift indicators monitored / frequency *surveillance*	
Last control and result	☐Compliant ☐Non-compliant ☐Under monitoring
Active alerts	
Post-market monitoring plan (art. 72)	☐Defined ☐In progress ☐Not applicable

8 Compliance

Compliance file contents *compliance*	
Last audit / auditor	
Open gaps	
Compliance deadline	
Information to individuals (GDPR art. 13-15 and 22)	☐ Planned ☐ In place ☐ To do
Overall status	☐ Compliant ☐ artially compliant ☐ Non-compliant

9 Card revision history

Version	Date	Author (role)	Change

10 Approval

Role	Name	Date	Signature
Business Data Owner			
XAI Data Steward			
DPO			
DGC (governance committee)			
CIO (S8 → S9 gate)			
CDO (optional)			

11 Free notes

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