AGENTIC COMMERCE FRAMEWORK®
ACF-12

AGENTIC RISK ASSESSMENT

Identify, assess and prioritize risks tied to your AI agents to control them more effectively

LEVEL	Operational
DURATION	1 - 2 days
USE	Assessment / prioritization
TRACK	Toolkit

OBJECTIVE

Identify, assess and prioritize the risks of your AI agents. Each risk is scored **Likelihood × Severity** (score 1→25), then assigned to one of the **8 ACF domains** (same categories as the **ACF-11** audit) in order to build a prioritized treatment plan.

1 GENERAL INFORMATION

ORGANIZATION

ENTITY / DEPARTMENT

ASSESSMENT LEAD

DATE · SCOPE ASSESSED

AGENTS / SYSTEMS COVERED

2 RISK MATRIX

Position each risk according to its **likelihood** (rows, 5→1) and its **severity** (columns, 1→5). The **score** = Likelihood × Severity (1 to 25). The cell color indicates the risk level (see legend).

SCORING SCALE · HOW TO CHOOSE L AND S (1 TO 5)

LVL.	LIKELIHOOD (L) · THAT THE RISK OCCURS	SEVERITY (S) · IMPACT IF THE RISK OCCURS
1	**Very low** · hardly ever (< 5 %/yr), no precedent.	**Minor** · negligible, fixed in routine operations.
2	**Low** : unlikely (~5–20 %), rare across several years.	**Moderate** : limited disruption, moderate cost/delay, few users affected.
3	**Moderate** · possible (~20–50 %), a few times a year.	**Serious** : real disruption, significant loss, minor non-compliance.
4	**High** : probable (~50–80 %), recurring / near-misses already observed.	**Major** : significant harm, large-scale user impact, reportable regulatory breach.
5	**Very high** : near-certain (> 80 %), already occurred / frequent.	**Critical** : massive harm, AI Act/GDPR sanction, lasting damage.

Indicative scale: adapt thresholds (%, amounts) to your context. The **L × S** score is then read from the matrix.

LIK. ↓ \ SEVERITY (IMPACT) →	1 MINOR	2 MODERATE	3 SERIOUS	4 MAJOR	5 CRITICAL
5 VERY HIGH	5	10	15	20	25
4 HIGH	4	8	12	16	20
3 MODERATE	3	6	9	12	15
2 LOW	2	4	6	8	10
1 VERY LOW	1	2	3	4	5

Critical 20–25 · immediate action
High 13–19 · priority action
Moderate 6–12 · monitoring & plan
Low 1–5 · risk under control

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3 ☰ RISK INVENTORY

How to score: 1 Likelihood **L** (1–5) 2 Severity **S** (1–5) 3 **Score = L × S**
4 Level: **1–5** Low · **6–12** Moderate · **13–19** High · **20–25** Critical · definitions of L and S: **scale p. 1**.

ID	RISK DESCRIPTION (CAUSE / SCENARIO)	CATEGORY	L	S	SCORE	LEVEL	EXISTING CONTROLS

Categories = the 8 ACF domains (same as the ACF-11 audit): Governance · Strategy & alignment · Data · Technology · Security & compliance · Oversight & control · Skills & culture · Performance & value.

4 ANALYSIS OF MAJOR RISKS

TOP 5HIGHEST RISKS

1.
2.
3.
4.
5.

MAIN IDENTIFIED ROOT CAUSES

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5 TREATMENT & PRIORITIZATION BY LEVEL

RISK LEVEL	PRIORITY	RECOMMENDED TREATMENT	EXAMPLE ACTIONS
CRITICAL 20–25	P1	Immediate treatment · unacceptable risk in its current state.	Suspend or restrict the agent · strengthen controls · narrow scope.
HIGH 13–19	P2	Priority treatment · reduction required.	Mitigation measures · reinforce oversight · short-term action plan.
MODERATE 6–12	P3	Planned treatment · acceptable under control conditions.	Targeted controls · active monitoring · periodic reassessment.
LOW 1–5	P4	Continuous monitoring · risk under control.	Maintain existing controls · regular monitoring · reassessment.

6 OVERALL ACTION PLAN

PRIO.	MAIN RISK	LEVEL	KEY ACTION	DUE DATE	STATUS	OWNER

BEST PRACTICES

- ✓ Address critical and high risks first
- ✓ Stay factual and rely on data
- ✓ Document every decision and assumption

POINTS OF VIGILANCE

- ! Do not underestimate data and security risks
- ! Include ethical, legal and reputational risks
- ! Do not confuse inherent risk with residual risk

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7 MONITORING & REASSESSMENT

REASSESSMENT FREQUENCY

Monthly | Quarterly | Semiannual | Event-driven

NEXT REASSESSMENT SCHEDULED FOR

TRIGGERS & METHODS

- **Triggers:** major change to the agent or its environment · new incident or breach · regulatory evolution (AI Act).
- **Methods:** review of controls · incident analysis · stakeholder consultation · testing & audit.

8 KEY INDICATORS

RISKS IDENTIFIED	CRITICAL + HIGH	UNDER TREATMENT	OPEN RISKS	AVERAGE LEAD TIME

9 SUMMARY & REPORT

KEY CONCLUSIONS

KEY RECOMMENDATIONS (PRIORITIES)

1.
2.
3.
4.
5.

EXPECTED BENEFITS FROM RISK MANAGEMENT

10 VALIDATION

VALIDATOR	ROLE	DATE	SIGNATURE

What's next: feed the **ACF-10 action plan**, log decisions in the **ACF-09 register**, verify the **ACF-07 kill switch**, update the **ACF-13 mandate** and loop back with the **ACF-11** audit.

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