



DAGS v1.0 Normative Standard

D5 — Operational Integration

Normative Requirements

1. Purpose

This document defines the mandatory operational integration requirements for deployed AI systems under Domain D5 of the Deployment AI Governance Standard (DAGS) v1.0.

All requirements in this document are normative and binding.

2. Integration into Operational Processes

D5.1 Operational Embedding

Each deployed AI system shall be integrated into documented operational processes sufficient to support ongoing governance, oversight, and control.

Governance shall not rely on ad hoc or exceptional handling.

D5.2 Defined Operational Roles

Operational roles responsible for executing AI governance controls shall be defined and documented.

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Version: v1.0
Status: Published

Page 1 of 7

Roles shall be aligned with the governance structure defined under Domain D1.

Individuals assigned operational governance responsibilities shall demonstrate documented governance competence appropriate to the system's risk classification.

3. Incident and Issue Management

D5.3 Incident Integration

Deployed AI systems shall be integrated into organizational incident and issue management processes.

Integration shall enable timely identification, escalation, and response to governance-relevant events, including events arising from changes meeting the definition of materially affecting behavior.

D5.4 Accountability in Response

Responsibility for responding to AI system incidents shall be clearly assigned and operationally actionable.

Unassigned or informal response responsibility is prohibited.

D5.5 Provider Notification Obligation

Where incidents implicate model behavior or vendor-controlled components:

- A documented process shall exist to notify the provider.

- Notification timeframe shall be defined.
 - Notification records shall be retained.
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4. Change and Lifecycle Operations

D5.6 Operational Change Management

Operational processes shall govern changes to deployed AI systems, including configuration, behavior, and integration changes.

Changes meeting the definition of materially affecting behavior shall require documented evaluation, authorization, and traceability in alignment with D1, D2, and D3.

Vendor-driven updates, externally imposed model modifications, or integration changes meeting the definition of materially affecting behavior shall trigger operational review and documented governance validation prior to continued production use.

Change processes shall align with defined governance authority.

D5.7 Lifecycle Continuity

Operational integration shall persist across the system lifecycle, including maintenance, updates, and decommissioning.

Governance shall not lapse during transitional states.

5. Monitoring and Oversight Operations

D5.8 Ongoing Operational Oversight

Operational processes shall support ongoing oversight of deployed AI systems.

Oversight shall be demonstrably capable of surfacing governance-relevant issues and enabling escalation to accountable authority defined under D1.

Operational monitoring mechanisms shall support oversight but shall not substitute for independent governance review authority.

D5.9 Operational Reporting Paths

Operational reporting paths shall exist to communicate governance-relevant information to accountable roles.

Reporting shall be timely and actionable.

D5.10 Decision Reconstruction Capability

The organization shall be capable of reconstructing contested decisions using retained artifacts.

Reconstruction capability shall rely upon governance-relevant logs and configuration-state records established under:

- D3.17 Governance-Relevant Output Logging
- D3.18 Configuration-State Binding
- D2.11 Version-Level Model Identification
- D2.12 Historical Version Retention

Reconstruction shall enable identification of, at minimum:

- The logged output
- The timestamp of the decision event
- The exact model version active at the time of decision
- The active configuration state
- The associated authorization record governing that state
- Affected party linkage (where applicable)

Reconstruction capability shall not rely on informal recollection, vendor-only records, or undocumented system states.

Reconstruction capability shall extend to events triggered by vendor-driven changes, integration shifts, or configuration changes meeting the definition of materially affecting behavior.

6. Dependency on Operational Readiness

D5.11 Operational Readiness Requirement

A deployed AI system shall not operate without operational readiness to execute required governance controls.

Readiness includes personnel, processes, and integration into operations.

Readiness includes personnel with documented governance competence appropriate to system risk.

7. Prohibited Conditions

D5.12 Isolated Operation Prohibited

A deployed AI system shall not operate in isolation from organizational operational processes.

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D5.13 Governance by Exception Prohibited

Governance controls shall not rely on exceptional handling or informal intervention.

8. Applicability

All requirements in this document apply to all deployed AI systems within DAGS scope unless explicitly stated otherwise.

9. Status

This Requirements document is **normative**.

It is binding for DAGS v1.0 and all derivative artifacts unless explicitly superseded.

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Version: v1.0
Status: Published

Page 6 of 7



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Version: v1.0
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Page 7 of 7