DAGS v1.0 Normative Standard

D2 — Model and Vendor Visibility

Normative Requirements

1. Purpose

This document defines the mandatory model and vendor visibility requirements for deployed AI systems under Domain D2 of the Deployment AI Governance Standard (DAGS) v1.0.

This domain ensures that all models, vendors, and dependencies meeting the definition of materially affecting behavior are identifiable, documented, and governed.

All requirements in this document are normative and binding.

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2. Model Identification

D2.1 Model Inventory

Each deployed AI system shall maintain an inventory of all models meeting the definition of materially affecting system behavior.

The inventory shall identify, at a minimum:

- The model name or unique identifier
- The role of the model within the system
- Whether the model is internally developed or externally sourced

Version: v1.0
Status: Published

- The version identifier of the deployed model

Model inclusion within the inventory shall be based on documented materiality determination.

D2.2 Model Role Clarity

The function and influence of each model shall be documented.

Documentation shall distinguish between:

- Primary decision-making models
- Supporting or auxiliary models
- Models whose outputs meet the definition of materially affecting system behavior

Implicit or assumed model roles are prohibited.

Materiality determinations for model roles shall be documented and attributable.

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3. Vendor Identification

D2.3 Vendor Disclosure

All third-party vendors whose models, services, or components meet the definition of materially affecting deployed system behavior shall be identified.

Identification shall include vendors providing:

- Models or inference services
- Embedded AI components
- External APIs that influence outputs or actions

- Services capable of modifying runtime behavior

Vendor identification shall be based on documented materiality determination.

D2.4 Vendor Role Documentation

The role and influence of each identified vendor shall be documented.

Documentation shall specify:

- The function provided by the vendor
- The degree of control retained by the deploying organization
- Whether the vendor can introduce changes meeting the definition of materially affecting behavior

Vendor influence shall not be inferred solely from contractual description.

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4. Dependency Visibility

D2.5 Behavioral Dependencies

All external dependencies meeting the definition of materially affecting system behavior shall be identified and documented.

Dependencies include, but are not limited to:

- Externally managed update mechanisms
- Vendor-controlled configuration or behavioral changes
- Runtime services influencing outputs
- Automated retraining or model refresh pipelines

Dependency classification shall be supported by documented materiality evaluation.

D2.6 Opaque Dependency Prohibition

A deployed AI system shall not rely on dependencies meeting the definition of materially affecting behavior where the organization lacks visibility into role, function, and influence.

Opacity due to vendor restriction, technical limitation, or contractual constraint does not exempt the requirement.

Where visibility cannot be achieved, deployment is prohibited unless governance authority formally accepts documented residual risk.

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5. Change Influence Transparency

D2.7 Vendor Change Influence

Where vendors can modify, update, or influence deployed behavior, the nature of that influence shall be documented.

Documentation shall identify:

- Whether changes are automated or human-initiated
- Whether changes may meet the definition of materially affecting behavior
- Whether changes require organizational approval
- How changes are communicated or detected
- How materiality of vendor-driven changes is evaluated

Vendor updates capable of materially affecting behavior shall trigger governance review.

D2.8 Retained Authority Over Change

The deploying organization shall retain sufficient authority to govern or constrain vendor-driven changes meeting the definition of materially affecting behavior.

Delegation of change authority without retained governance control is prohibited.

Authority retention shall be demonstrable and contractually supported.

6. Documentation, Currency, and Materiality Governance

D2.9 Visibility Documentation Maintenance

Model and vendor visibility documentation shall reflect the current operational state of the system.

Changes meeting the definition of materially affecting behavior shall trigger updates to documentation.

Materiality reclassification shall require documentation revision.

D2.10 Traceability of Visibility Information

Visibility documentation shall be traceable to:

- The declared system scope
- The governance structure
- Documented materiality determinations

Documentation disconnected from system governance is insufficient.

D2.11 Version-Level Model Identification

Each production deployment shall record:

- Exact model version string
- Configuration version
- Date of activation
- Associated governance approval reference

Generic model identifiers are insufficient.

D2.12 Historical Version Retention

Historical production states shall be retained, including:

- Version identifiers
- Activation and deactivation dates
- Associated authorization records
- Materiality classification status at time of deployment

Organizations must be able to identify what version and materiality classification were active at any historical point within the retention window.

D2.13 Materiality Determination Competence

Individuals responsible for classifying models, vendors, or dependencies as meeting or not meeting the definition of materially affecting behavior shall demonstrate documented governance competence appropriate to the system's risk classification.

Materiality determinations shall be:

- Attributable
- Reviewable
- Subject to periodic reassessment

7. Prohibited Conditions

D2.14 Unknown Behavioral Sources Prohibited

A deployed AI system shall not operate with unknown or undocumented sources of behavioral influence meeting the definition of materially affecting behavior.

D2.15 Assumed Visibility Prohibited

Visibility shall not be assumed based on vendor reputation, contractual assurances, marketing representations, or industry norms.

Materiality must be determined and documented.

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.

10. License & Authority

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