# Document Metadata

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title: AI System Inventory and Classification

nist\_function: Map

priority\_phase: Must

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status: draft

## **Purpose**

To maintain an accurate and auditable inventory of all AI and GenAI systems deployed across the hospital, with classifications based on use case, risk level, and ownership.

## **Scope**

Includes all AI technologies actively deployed, in trial use, or procured for clinical, operational, or administrative functions.

## **Policy Statement**

Hospitals must maintain a living AI inventory with system classifications that reflect deployment stage, responsible parties, and GenAI-specific risk vectors.

## **Roles and Responsibilities**

• IT Asset Management: Owns inventory maintenance and audit trail.

• Governance Committee: Reviews classifications and change control.

• AI Product Owners: Report deployments, version changes, and drift status.

## **Implementation Phases**

### **Must Do**

• Record each AI system’s function, owner, and data interaction level.

• Flag GenAI systems and those accessing PHI or decision-critical pathways.

• Require registration of all third-party or embedded AI tools (MAP-4.1).

### **Should Do**

• Integrate inventory with GRC and CMDB systems.

• Use metadata fields for model type (e.g., LLM, diffusion), plugin access, and API scope.

### **Recommended**

• Link inventory to output logging systems and incident trackers.

• Publish inventory summary to internal stakeholders for transparency.

## **References**

• NIST AI RMF: MAP-4

• NIST AI 600-1: §2.5.2

• ONC Certification: 45 CFR Part 170.315(g)(4)

## **Review Cycle**

Updated quarterly or upon any deployment or decommissioning event.