

EXECUTIVE SNAPSHOT

- Why this matters:
- Multiple scanners produce conflicting vulnerability data requiring manual reconciliation
- What breaks without it:
- Hours spent investigating conflicting data—analysts paralyzed determining which scanner to trust
 - False positives consume remediation capacity—days investigating vulnerabilities that don't exist
- What "good" looks like:
- Level 3: Source of truth documentation, false positive procedures, validation checks, conflict resolution
 - Level 4+: Automated quality checks, false positive library, tracked metrics, systematic improvement
- Who should care:
- Security teams struggling with conflicting vulnerability data from multiple scanning tools
 - Security operations needing authoritative data source when scanners report different severity ratings
 - Asset owners frustrated by false positives creating remediation burden for non-existent vulnerabilities

URGENCY ASSESSMENT

- ☒ Critical Foundation (prevents conflicting data paralysis)
- ☐ Compliance Driver
- ☐ Risk Mitigation
- ☒ Operational Efficiency (eliminates false positive waste)
- ☒ Strategic Enhancement (enables confident prioritization)
- (If unchecked at Level 2+, organization wastes resources on inaccurate data and false positives)*

FRAMEWORK ALIGNMENT EXAMPLES

This capability supports accountability requirements in commonly adopted security frameworks. These examples illustrate alignment, not exhaustive control coverage.

NIST 800-53: Demonstrates inventory accuracy with vulnerability data validation

NIST CSF 2.0: Shows asset management with accurate vulnerability associations

CIS v8: Provides asset inventory accuracy through vulnerability data correlation

ISO 27001: Demonstrates vulnerability management with documented data quality controls

MATURITY QUICK CHECK

- Level 1: No source of truth, conflicting data, reactive false positive handling
- Level 2: Informal tribal knowledge, ad hoc conflict resolution, individual handling
- Level 3: **Source of truth docs, false positive procedures, validation checks, conflict resolution**
- Level 4: Automated checks, false positive library, quality metrics, systematic reviews
- Level 5: ML-enhanced detection, data lineage, automated correlation, continuous optimization

DEPENDENCIES & BOUNDARIES

Depends on: Asset Inventory, Scanning & Detection Coverage, Risk-Based Prioritization

Enables: Confident prioritization, efficient remediation, trusted reporting

This is NOT: Universal scanner authority, zero false positive guarantee