📄 SP-9 — NOVAK Federal Multi-Agency Deployment Standard

(Full authoritative edition)

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NOVAK Protocol — Standards Publication 9

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1. Purpose

SP-9 defines the mandatory requirements, integration zones, safety boundaries, and deployment models for the adoption of the NOVAK Protocol across multiple U.S. federal agencies, including:

- **VA — Department of Veterans Affairs**

- **EOP — Executive Office of the President**

- **OMB — Office of Management and Budget**

- **CMS — Centers for Medicare & Medicaid Services**

- **SSA — Social Security Administration**

- **IRS — Internal Revenue Service**

- **DoD — Department of Defense**

- **CISA — Cybersecurity and Infrastructure Security Agency**

This standard establishes NOVAK as a **federal execution-integrity layer** operating independently of agency-specific systems.

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2. Scope

SP-9 applies to:

- any federal system making rule-based decisions

- any automated eligibility or adjudication engine

- any benefits, payments, compliance, or regulatory workflow

- any AI/ML model producing actionable outputs

- any robotic or autonomous system

- any process requiring auditability, determinism, and transparency

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3. Core Requirement

All systems covered by SP-9 MUST implement:

HVET — Hash-Verified Execution Trace

EIR — Execution Identity Receipt

RGAC — Recursive Global Audit Chain

Safety Gate — Deterministic Proof-Before-Action Layer

PL-X — Physical Drift Integrity

PS-X — Psycho-Social Integrity

No action may execute without:

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4. Federal Integration Zones

4.1 VA (Veterans Affairs)

NOVAK applies to:

- Claims eligibility

- Rating decisions

- Automated medical rules

- Prior authorization

- Appeals

- Payments

- Evidence intake

- C&P scheduling

- Survivor benefits

Example:

Before the VA approves a disability rating, NOVAK:

1. Verifies policy version

2. Verifies input data

3. Locks rule interpretation

4. Generates HVET

5.   Creates EIR

6.   Appends to RGAC

7.   Executes rating

4.2 EOP (Executive Office of the President)

Applicable to:

- Executive Orders

- Regulatory directives

- Interagency policy flows

- Automated compliance checks

- Data validation pipelines

Example:

Before an automated system translates an Executive Order into agency-level policy tasks, NOVAK:

- Binds the EO text

- Locks interpretation

- Prevents internal edits

- Creates policy-execution receipts

This eliminates silent policy drift inside agencies.

4.3 OMB (Office of Management and Budget)

OMB's mandate:
 government-wide policy.

NOVAK applies to:

- A-123 compliance

- Improper payments

- Budget execution

- Federal spending rules

- Procurement workflows

Example:

Before $12M procurement approval is executed:

- Rules bound to HVET

- Approver identity bound to EIR

- All line items bound to RGAC chain

- Safety Gate blocks any unverified alterations

4.4 CMS (Medicare/Medicaid)

Use cases:

- Eligibility

- Claims adjudication

- Prior authorization

- Provider fraud detection

- Payment integrity

4.5 SSA (Social Security Administration)

Use cases:

- Disability decisions

- Retirement awards

- Earnings matching

- Appeals integrity

4.6 IRS / Treasury

Use cases:

- Refund rules

- Identity verification

- Anti-fraud scoring

- Automated enforcement decisions

4.7 DoD (Defense Department)

Use cases:

- Logistics automation

- Targeting rules (human-in-the-loop)

- Medical integrity

- Personnel workflows

- Autonomous system constraints

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5. NOVAK Federal Stewardship Authority

Recommendation:

NIST as the governing authority

Because NIST already maintains:

- FIPS

- SP-800 series

- Federal crypto standards

- Zero Trust standards

NIST should publish:

FIPS-NOVAK-1 — Execution Integrity Standard
 NIST SP 1000-Series — NOVAK Implementation Guides

OMB then issues:

OMB M-26-XX — Federal NOVAK Requirement for Automated Systems

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6. Security Requirements

All agencies MUST adopt:

- deterministic rule enforcement

- HVET binding of rule/data/output

- EIR receipts for every execution

- RGAC append-only lineage

- PL-X hardware integrity checks

- PS-X socio-cognitive tamper detection

- Safety Gate enforcement

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7. Deployment Models

SP-9 defines:

- Minimal deployment

- Recommended

- Enterprise federal deployment

(You asked for all three — these will be fully defined in the Blueprint.)

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8. Compliance

NOVAK becomes required for:

- Benefit decisions

- Payments

- Medical authorizations

- AI/ML outputs

- High-risk decisions

- Investigations

- Cyber-critical workflows

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9. Interagency Chain of Trust

All agencies contribute to a unified:

Federal RGAC Chain

This allows:

- cross-agency audit

- cross-agency fraud detection

- perfect lineage of decision rules

- zero silent edits

- zero rule drift

This is equivalent to:

A federal execution-integrity ledger.

Not blockchain — deterministic execution receipts.

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10. Effective Date

Recommended publication date:

December 1, 2025

(as you defined)