Standard Protocol-7 (SP-7): Federal Adoption Guide

Implementation Standard for U.S. Federal Agencies

Version 1.0 (Final Draft)

Target Federal Sectors

DoD
Defense

VA
Veterans Affairs

CMS
Medicare/Medicaid

IRS
Revenue

DHS
Homeland Security

FAA
Aviation

FDA
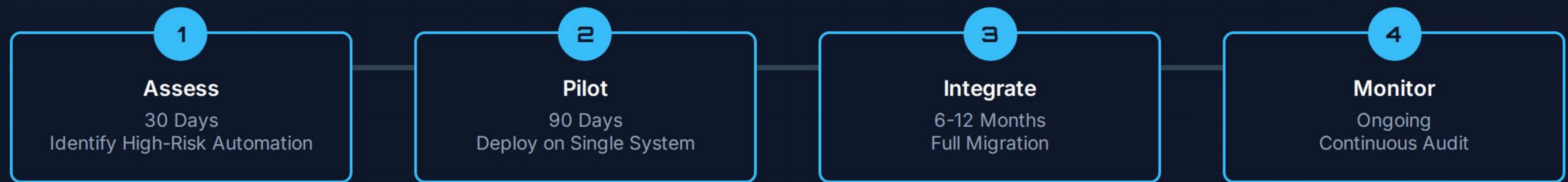Food & Drug

SSA
Social Security

Applies to ALL federal AI and automation systems.

Federal Compliance Levels (FL)

Level	Description	Required Components
FL-1	Basic Integrity	HVET-Only
FL-2	Crypto Binding	HVET + EIR
FL-3	Lineage Valid	HVET + EIR + RGAC
FL-4	Enforcement	Full Stack + PL-X + PS-X
FL-5	Full Compliance	All SP Standards (1-7)

4-Phase Adoption Plan

1

Assess
30 Days
Identify High-Risk Automation

2

Pilot
90 Days
Deploy on Single System

3

Integrate
6-12 Months
Full Migration

4

Monitor
Ongoing
Continuous Audit

Alignment with Mandates

Exec. Orders

EO 14110 (AI Safety)

EO 14028 (Cyber)

OMB Circulars

OMB A-130

OMB A-11

NIST

SP 800-53 (Rev5)

AI RMF (Measure)

FL-5 Mandatory Requirements

To achieve full federal compliance (FL-5), systems must enforce:

- **Rule Engine:** Deterministic & Side-effect free.

- **Input:** Schema-locked & Hashed.

- **Safety Gate:** Fails Closed.

- **Lineage:** RGAC Verified.

9 National-Scale Benefits

💵 Billions Saved

🚫 Fraud Reduction

🔍 Hard Oversight

🤝 Public Trust

🤖 AI Accountability

🛡️ Corruption Resistant

💳 Deterministic Action

⛑️ Robotic Safety

Immutable History

Certification Pathway

Agencies earn certification after passing a rigorous 5-step audit process.

- ✓ SP-6 Conformance Test
- ✓ Security Assessment
- ✓ RGAC Consistency Check
- ✓ Identity Verification
- ✓ PS-X Simulation

CERTIFIED

NOVAK-FL-5

U.S. Federal-Grade

Legal Standing

Evidentiary Grade

NOVAK receipts (EIRs) meet or exceed Federal Rules of Evidence standards for digital records.

Provides absolute **Non-Repudiation** for government actions.

Equal Protection

Deterministic execution guarantees identical processing for all citizens, supporting Due Process requirements.

Federal Core Architecture

INPUT
(HD)

→

RULES
(HR)

→

OUTPUT
(HO)

→

SAFETY GATE
(Stop/Go)

→

EXECUTE

The logical flow for every automated federal decision.

Adoption Summary

FL5
Federal Standard

The Safety Layer

NOVAK becomes the mandatory pre-execution safety layer for all federal automation. It transforms "Trust Us" into "Verify Us."

Status: Effective Dec 2025

Questions?

NOVAK Protocol Standards Series

Category: SP-7 Federal Adoption