

# Virginia Executive Directive No. 5 & The Commonwealth AI Framework

Virginia has formally positioned itself as a national leader in proactive AI governance. Through the issuance of sweeping executive actions, the Governor established a rigid operational template mandating how all state secretariats, public universities, and executive branch agencies must adapt to, integrate, and deploy artificial intelligence models safely.

## The Core Framework Objectives

The Commonwealth's standard framework outlines clear boundaries across three primary governance buckets, ensuring that technological adoption does not outpace transparency:

- **The AI Procurement Guidelines:** Establishes a centralized vendor vetting matrix. No public funds can be utilized on predictive or generative systems unless the product developer demonstrates absolute compliance with Virginia's strict Consumer Data Protection Act (VCDPA).
- **The Educational Integration Standard:** Sets structural guardrails for the usage of AI tools across K-12 classrooms and higher-education institutions, shifting curricula to focus on prompt literacy, algorithmic logic, and ethical boundaries.
- **Criminal Justice Integrity Limits:** Explicitly regulates the use of specialized machine learning models within policing and automated legal systems to guarantee protections against mathematical demographic bias.

### WORKFORCE IMPERATIVE

As state agencies execute these directives, the required skill profiles for public employees are changing. Everyday administration now demands rigorous prompt structures and baseline model evaluation capabilities.

## Centralized Governance Oversight

To prevent fractured implementation, the policy establishes a permanent AI Task Force operating underneath the Virginia Information Technologies Agency (VITA). This unit maintains final authority to approve or deny agency deployment pilots, ensuring absolute standard alignment.

Document Reference: VA-ED-05-FRAMEWORK / Compiled by Information Technology Learning Center (ITLC)

# Local Government AI Implementation: Operational Blueprints across VA

Beyond state-level policy, county and municipal governments across Northern Virginia (NoVA) and the broader Commonwealth are actively moving past theoretical discussions and deploying AI directly into localized municipal operations.

## Key Regional Deployments and Plans

Local jurisdictions are focusing AI implementation efforts around high-impact, administrative bottlenecks to optimize taxpayer resources:

Jurisdiction	AI Operational Focus	Implementation Target
Fairfax County	Procurement Contract Parsing & Chatbot Routing	Automating vendor proposal ingestion and enhancing resident access to 311 human services.
Loudoun County	Zoning Code Systems & Land Use Ingestion	Utilizing LLM systems to scan multi-hundred-page zoning variances against historical county ordinances.
City of Alexandria	Transportation Flow & Smart Traffic Tuning	Deploying automated edge-computing algorithms to dynamically balance city corridor signals based on vehicle arrays.

## Operational Risks and the "Safe Sandbox" Standard

A primary hurdle facing local CIOs is the danger of local personnel inadvertently pasting sensitive county tax documents, proprietary infrastructure designs, or citizen health data into unsecured public consumer platforms. Consequently, NoVA municipalities are rolling out custom, internally isolated cloud enterprise environments to safely separate local data assets.

### ITLC TRAINING BRIDGE

Our **Introduction to Google Gemini AI** and **NotebookLM** classes teach local government workers how to safely operate within secure boundaries, eliminating compliance liabilities while maximizing municipal efficiency.