VENIO

GOVERNMENT GUIDE 2026

On-Premise vs. Cloud eDiscovery

A Control, Compliance, and Cost Guide by Venio Systems

How public sector agencies and regulated legal teams achieve absolute data sovereignty, air-gap security, and appropriations-friendly cost predictability.

Air-Gap Ready

Runs on disconnected & classified networks

Data Sovereignty

Zero third-party vendor access to agency data

No Per-Seat Fees

Fixed annual CapEx sized to intake volume

01

THE SECURITY & BACKLOG LANDSCAPE

Why Deployment Choice Dictates Absolute Sovereignty

1.7M+ +13.7%

Federal FOIA Requests (FY2025)

Surge driving the highest-ever records backlog across federal agencies.

SOURCE: DEPT. OF JUSTICE

29% Annual Waste

Cloud Budget Wasted Annually

Lost to overprovisioning, idle capacity, and unpredictable records spikes.

SOURCE: FLEXERA STATE OF CLOUD

48% 2x YoY

Breaches Involving Third Parties

Double the prior year. External cloud personnel fundamentally expand the attack surface.

SOURCE: VERIZON DBIR

> "As data requests surge and third-party breaches multiply, your deployment model dictates your absolute data sovereignty."

Public sector and regulated legal teams face unprecedented data volumes amidst strict compliance mandates and complex investigations. While commercial cloud platforms offer convenience, housing highly sensitive agency records off-site introduces severe vulnerabilities regarding data sovereignty, cost unpredictability, and unauthorized third-party access. On-premises infrastructure remains the definitive standard for agencies requiring airtight security, predictable appropriations budgeting, and absolute internal control.

Why is the On-Premise Model Better for Government Agencies?

Cloud eDiscovery can meet federal requirements, and several vendors hold FedRAMP authorizations. On-premises is ideal when your agency needs the highest degree of control, not just a compliant option.

Air-Gap & Classified Ready

Runs on completely disconnected networks that can never touch a commercial cloud.

Your Security Boundary

Stays inside the security boundary your agency already secures, monitors, and authorizes.

Fewer Third Parties

No outside vendor engineers have access to CJIS or sensitive records unless explicitly granted.

Appropriations-Friendly Cost

Predictable spend that does not climb with every records surge, production, or matter addition.

Infrastructure You Own

Capitalizes on existing agency data centers, hardware investments, and certified IT personnel.

You Control Upgrades

Patch and upgrade on your own agency change-control schedule, never on a vendor's forced timeline.

02

HEAD-TO-HEAD COMPARISON

On-Premise vs. Cloud: Which Fits Your Agency?

While the cloud offers managed convenience, on-premise infrastructure guarantees absolute data sovereignty, predictable budgeting, and internal control. Evaluate the 6 critical operational dimensions:

DIMENSION	ON-PREMISE	CLOUD EDISCOVERY
Data location	●●● All data stays in agency facilities	●○○ Hosted in third-party vendor data centers
Air-gap support	●●● Fully supported for disconnected networks	●○○ Not possible (requires external internet)
Third-party access	●●● Internal agency staff only; vendor access only by grant	●○○ Vendor engineers and support staff have backend access
Cost predictability	●●● Predictable (sized to your data intake)	●●○ Variable OpEx compounding with per-GB & seat fees
Surge capacity	●●○ Bounded by provisioned internal hardware	●●● Immediate scaling (overage fees may apply)
Upgrade control	●●● Agency sets timing to prevent casework downtime	●○○ Vendor dictates timing and forces system updates

Rating scale: ●●● Strongest fit · ●●○ Moderate · ●○○ Weakest fit

Evaluated against FedRAMP & CJIS security controls

CHOOSE ON-PREMISE IF:

- Data must remain on air-gapped or classified networks.
- Budget is governed by fixed annual appropriations (CapEx).
- Agency already maintains a certified, compliant data center.

CHOOSE CLOUD IF:

- Internal IT is limited and needs infrastructure offloaded.
- Intake volume swings wildly, requiring instant auto-scaling.
- Agency requires rapid deployment with zero upfront hardware.

The Unified Platform Advantage: Venio provides one identical platform across on-premises, cloud, and hybrid deployments. Select the exact model that fits your security profile without sacrificing features or retraining staff.

03

PLATFORM ARCHITECTURE

What's Included in Venio On-Premise Solution

Unlike bolt-on legacy stacks requiring separate point solutions for processing, review, and production, Venio delivers the entire EDRM lifecycle in a single unified executable codebase running behind your perimeter.

UNIFIED WORKFLOW ARCHITECTURE

Complete 8-Stage EDRM Unified Lifecycle

Single Index • Zero Re-Ingestion

STAGE 01	STAGE 02	STAGE 03	STAGE 04	STAGE 05	STAGE 06 (FEATURED)	STAGE 07	STAGE 08
Legal Hold	**Processing**	**ECA**	**Analytics**	**Review**	**CAL 2.0 AI**	**Smart Redact**	**Production**
Automated custodian tracking	10TB/day native extract	Early culling & date slice	Concept clustering & threads	High-speed web workspace	Active learning & TAR	Automated PII & image burn	Defensible export & load

A

Single Relational Core

One uniform database repository. Tags applied during ECA or Review are immediately reflected across production with zero data synchronization lag or API export errors.

B

Continuous Active Learning (CAL 2.0)

Proprietary on-premise neural ranking adjusts document queues dynamically after each tag. Minimizes human review volume by up to 90% without sending vector embeddings to public cloud LLMs.

C

Distributed Ingestion Workers

Deploy multi-threaded worker nodes across agency virtual machines. Process multi-terabyte PST, forensic image (E01), and Slack JSON dumps at unmatched sustained rates.

DEFENSE-IN-DEPTH SPECIFICATION

The 4-Layer Concentric Venio Defense Framework

ZERO EXTERNAL DEPENDENCY

L1	**Agency Network Boundary** — Restricted hardware isolation, physical firewall gating, hardware VPN, and SCIF containment.	PERIMETER ENCLAVE
L2	**Identity & Access Management (IAM)** — Active Directory / LDAP integration, CAC/PIV smartcard authentication, SAML 2.0, strict RBAC roles.	ZERO TRUST AUTH
L3	**Venio Application Safeguards** — Matter-level segregation, redaction burning verification, tamper-evident audit logs, granular field masking.	APP CONTROLS
L4	**Sovereign Data Core** — FIPS 140-2 Level 3 AES-256 at-rest encryption, agency-held KMS keyrings, zero external telemetry pinging.	SOVEREIGN CORE

ISO 27001	SOC 2 Type II	GDPR & HIPAA	FedRAMP Ready
Certified InfoSec Management	Audited Operational Controls	Enforced Data Privacy & PII Shield	Aligned Gov Security Controls

✓ **Air-Gap Commitment:** Venio On-Premise can be activated via offline air-gap license keys with no continuous internet polling. 100% OFFLINE READY

04

RISK-FREE TRANSITION

Seamless Migration With Zero Data Loss

Transition from legacy or proprietary platforms without losing sensitive coding, tagging work product, or pausing ongoing agency investigations.

MIGRATING FROM LEGACY PLATFORMS

Relativity | Nuix | Everlaw | Legacy Custom

→

TARGET AIR-GAP / DATACENTER

Venio On-Prem

HOW THE 5-STAGE MIGRATION PIPELINE WORKS:

STEP 01

Readiness Audit

Audits data schemas & load files before any commitment.

PRE-FLIGHT

STEP 02

Data Ingestion

Automated ingestion of raw load files, images, and natives.

DIRECT IMPORT

STEP 03

Field Mapping

Seamlessly maps custom fields to standard metadata.

SCHEMA ALIGN

STEP 04

Overlay Tags

Transfers coding, notes, and native redactions intact.

PRESERVE WORK

STEP 05

Validation & Go-Live

Reconciliation report certifies complete matter integrity.

CERTIFIED READY

Zero Data Loss

Tags, coding decisions, and native redactions are verified against a final hash discrepancy report.

Zero Per-GB Ingestion Fees

Transfer your agency's full historical matter archives without paying punitive data ingestion penalties.

Keep Active Matters Running

Ongoing review workspaces remain fully accessible and operational throughout the cutover migration.

Quick 3 to 5 Week Turnaround

Dedicated migration engineering team executes and signs off on the transition on an agreed timetable.

CRITICAL INDUSTRY SUNSET

Notice for Relativity Server Users: 2028 Support Expiration

Beginning **January 1, 2028**, Relativity will mandate that all new matters be hosted on RelativityOne, offering only limited support for existing on-premises cases. If your agency requires a secure, long-term on-premises environment that you control, contact our solutions team to build a structured migration path to Venio well ahead of deadlines.

05

FINANCIAL PREDICTABILITY

Venio Pricing: How Your Quote Is Calculated

No surprises, no per-user licensing penalties, and no compounding monthly GB storage meters. Venio provides predictable public sector pricing aligned directly with agency appropriation cycles:

TRANSPARENT PRICING LOGIC

The Two-Variable Predictable Quote Equation

VARIABLE 01

Data Intake Volume

Tiered intake capacity (GB/TB per year) with unlimited active review cases

+

VARIABLE 02

Deployment Scope

Single server appliance vs. multi-node distributed processing clusters

- **Formula Outcome:** One fixed, locked-in annual or multi-year software subscription.

ZERO SURPRISE PER-GIGABYTE FEES

INCLUDED IN PLATFORM QUOTE

- Every functional EDRM module (Intake through Production)
- AI Review & Active Learning capabilities
- Initial administrator & reviewer onboarding training
- Dedicated government customer support & maintenance

SCOPED SEPARATELY (OPTIONAL)

- Turnkey data migration from legacy platforms
- Custom legacy field re-mapping and database conversion
- On-site agency installation & air-gap certification support
- Advanced custom API workflow integrations

READY WHEN YOU ARE

Need Clarity on Deployment & Pricing Models?

Explore how on-premises, hybrid, and cloud pricing structures differ. Review competitive benchmarks, estimated annual savings, and find the procurement model that matches your appropriation.

Schedule Briefing →

Contact Sales

Venio Systems • Absolute Control for Regulated eDiscovery

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