

OPEN SOURCE TECHNOLOGIES

Avalon helps your agency cut software license cost where a proven open alternative exists, and secure the open source you already run — without betting the mission on unsupported software.

THE PROBLEM WE ADDRESS

Proprietary license renewals are spiking — Oracle Java's per-employee licensing, Broadcom's VMware repricing — and audit letters are crowding out modernization budget.

Unmanaged open source dependencies sit embedded in mission systems with no inventory, no provenance controls, and no rapid-response path when a critical CVE lands.

WHAT WE DO

- License and OSS inventory with true-up and audit exposure flags
- Ranked migration business cases scored on TCO, risk, and mission fit
- Proprietary-to-open migration engineering (Oracle/SQL Server to PostgreSQL, VMware to KVM/OpenShift)
- Phased coexistence planning, not rip-and-replace
- SBOM generation (SPDX and CycloneDX) per system
- Software composition analysis integrated into the existing pipeline
- Vetted internal artifact repository and OSS intake workflow
- OSS policy set aligned to OMB M-16-21 and the SHARE IT Act

HOW WE DO IT

1 LICENSE & OSS ASSESSMENT

Proprietary and open source software inventoried; migration candidates scored with ranked business cases.

DELIVERABLE

Ranked business cases

2 GOVERNANCE READINESS

Code-sharing and metadata workflow drafted, aligned to OMB M-16-21 and the SHARE IT Act.

DELIVERABLE

OSS governance policy

3 MIGRATION ENGINEERING

Justified migrations executed per workload — schema conversion, performance baselining, cutover planning.

DELIVERABLE

Migrated workloads

4 SUPPLY-CHAIN CONTROLS

SBOM generation, composition analysis, and a vetted artifact repository stood up for ongoing intake.

HANDOVER

SBOM pipeline + intake workflow

VALUE DELIVERED

- Savings that are evidence, not an assumption.** Ranked business cases score TCO, risk, and mission fit per migration candidate.
- A CVE becomes a known quantity.** SBOMs and composition analysis close the supply-chain gap before the next critical CVE, not after.
- No reseller conflict.** Avalon earns nothing on Oracle, Microsoft, or VMware paper — the incentive is to shrink the license bill.
- Leverage at the next renewal.** Phased coexistence, not rip-and-replace, means the next negotiation happens on the agency's terms.

THE ONE THING TO REMEMBER

No reseller book, no conflict of interest.

COMMONLY PROCURED AS

Open source strategy, migration & supply-chain security services

AT A GLANCE

Model	Fixed-price, scoped per engagement
Typical	4–6 wks for the assessment; 8–16 wks per migrated workload
NAICS	541512, 541511, 541519, 541611, 541690
UEI	Y9MXMMHY3HA1
CAGE	242T0
Standards	NIST SP 800-53 (SA-22, SR family), SHARE IT Act, NIST SP 800-218 SSDF, OMB M-16-21

WHO WE WORK WITH

- CIO / budget owner facing a proprietary license renewal spike
- ISSO needing SBOM and supply-chain controls for existing OSS
- Program manager evaluating a proprietary-to-open migration

COMMITMENT TO QUALITY

Avalon is led directly by a PMP-certified founder with a decade of enterprise engineering experience where every engagement gets senior-level attention, never a subcontracted bench. Delivery follows NIST SP 800-53, RMF, and FISMA, evidence-backed and control-mapped by design. ISO 9001/27001 is on the roadmap as the pipeline scales.

Status: Small business federal contractor based in Los Angeles, CA

NIST SP 800-53 (SA-22, SR FAMILY)

SHARE IT ACT

NIST SP 800-218 SSDF

OMB M-16-21