

CLOUD MIGRATION & DEVELOPMENT

Avalon moves your systems out of the data center and into an authorized cloud environment on a fixed-price, wave-by-wave plan — without disrupting the mission.

THE PROBLEM WE ADDRESS

O&M consumes the bulk of the IT budget, and hardware refresh cycles or licensing repricing shocks produce sudden, unbudgeted six- and seven-figure bills.

Fragile systems with single points of failure and no disaster recovery, running on hardware past end of support, carry outage risk for mission-critical services.

WHAT WE DO

- Application, server, database, and dependency mapping
- Licensing and data-sensitivity (CUI, PII, PHI) identification
- Disposition via the "7 Rs": rehost, replatform, refactor, repurchase, retire, retain, relocate
- Landing zone build or validation as infrastructure-as-code
- Rehosting, replatforming, and targeted refactoring per disposition
- Database migration, schema conversion, and reconciliation testing
- Rehearsed cutover with rollback plans and hypercare
- Control-implementation evidence for your SSP and assessors

HOW WE DO IT

1 KICKOFF & DISCOVERY

Access provisioned; inventory, dependency mapping, and disposition workshops across the portfolio.

DELIVERABLE

Signed disposition list

3 PILOT & PRODUCTION WAVES

Low-risk applications migrated first to prove the pattern, then remaining waves executed with remediation development.

DELIVERABLE

Migrated waves, wave by wave

2 PLANNING & LANDING ZONE

Wave plan, target architecture validation or build, and migration runbook templates.

DELIVERABLE

Wave plan + landing zone

4 CUTOVER & TRANSITION

Rehearsed cutover, functional validation, security evidence package, and knowledge transfer.

HANDOVER

As-builts + security evidence

VALUE DELIVERED

- › **Retired and repurchased, not lifted and shifted.** Every application is dispositioned via the 7 Rs before anything migrates.
- › **Authorization work starts the day migration ends.** The same team writes infrastructure-as-code and produces 800-53-mapped evidence.
- › **Fixed price per wave rewards finishing.** Compensation isn't tied to duration the way staff augmentation is.
- › **The mission doesn't stop.** Waves are sequenced by dependency and risk, with rehearsed cutover, rollback plans, and hypercare.

THE ONE THING TO REMEMBER

Your incumbent gets paid more the longer your data center lives. We get paid for emptying it.

COMMONLY PROCURED AS

Cloud migration & data center exit services

AT A GLANCE

Model	Fixed-price per wave
Typical	4–6 months for a small portfolio; 6–12 months for a mid portfolio
NAICS	541512, 541511, 541519, 541611, 541690
UEI	Y9MXMMHY3HA1
CAGE	242T0
Standards	NIST SP 800-53 Rev 5, FedRAMP-certified environments, DoD Cloud Computing SRG, Zero Trust (OMB M-22-09)

WHO WE WORK WITH

- CIO facing a data center exit deadline or a licensing repricing shock
- ISSO needing migration evidence that feeds directly into the SSP
- Program manager whose legacy hardware is past end of support

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 REV 5

FEDRAMP-CERTIFIED ENVIRONMENTS

DOD CLOUD COMPUTING SRG

ZERO TRUST (OMB M-22-09)