C1 SmartControl Subscriber Model for DACM

SmartControl Subscriber Model is the OSCAL-native inheritance engine for SmartDACM. It centralizes all authorization content—controls, parameters, evidence rules, POA&M logic—into a single authoritative library and automatically cascades updates to any number of systems or tenants. This eliminates redundant SSP work, prevents drift, and reduces ATO maintenance workload by 50-70% across large or multi-tenant environments.

Core Engine

Central OSCAL authorization library with automatic inheritance of controls, parameters, evidence, and POA&M logic across multi-tier hierarchies.

Real-Time Updates

Cascading updates with impact analysis, drift detection, evidence reuse, and OSCAL-native propagation with versioning and lineage tracking.

Multi-Tenant Ready

Supports Enterprise → System → Enclave → Workload and CSP → Customer → Tenant inheritance models for consistent authorization.

Key Use Cases

- **Multi-System FedRAMP/RMF ATOs:** One master library populates all subscriber SSPs
- **Provider → Customer → Tenant:** Audit-ready authorization across multi-tenant clouds
- **Continuous Authorization (cATO):** ConMon changes cascade automatically
- **Cross-System Evidence Reuse:** Upload once, reused everywhere
- **Rapid Onboarding:** New SSPs assembled in minutes via subscription

Measurable Outcomes

50-75%
SSP Maintenance Reduction

60-80%
Rev5/RMF Update Workload Cut

3-5×
Faster System Onboarding

Ideal For: CSPs and multi-tenant cloud providers, federal contractors with multiple systems/enclaves, agencies managing enterprise ATOs, and large enterprises with replicated control baselines. Pricing varies by subscriber count, frameworks, inheritance complexity, and OSCAL scope—included in SmartDACM suite configurations.