


KALVIS

Secure Application
Generation


ASTRA

Infrastructure &
DevSecOps Automation


OPTIBASE

Database STIG
Compliance


VELES

ATO Evidence
Validation

Veles is the compliance validation and security governance engine within the DSD Forge™ ecosystem. It serves as the AI augmented evidence generation, improvement and assessment acceleration layer for NIST 800-53 and FedRAMP control evaluation, and delivering audit-ready traceability for defensible ATO decisions.

CORE FUNCTIONALITY

STANDARDS-ALIGNED CONTROL EVALUATION

Accelerates evaluation against NIST 800-53 control text and assessment procedures and FedRAMP control baselines, linking data directly to assessment decisions.

AI-ASSISTED ASSESSMENT & ATO EVALUATION

Pre-evaluates evidence against SCA/AO criteria using tracked AI decision support to identify compliance gaps and generate on-click authorization ready assessments.

STRUCTURED EMASS INGESTION & INTEGRATION

Centralizes and structures eMASS data, pipeline outputs, and system documentation to eliminate fragmented, manual RMF coordination across teams.

AUDIT-READY TRACEABILITY & GOVERNED WORKFLOWS

Features multi-role RBAC for system-level security persons and assessors, immutable audit logging, and full version tracking to maintain authorization defensibility.

MISSION IMPACT

Veles™ slashes evidence generation and assessment timelines from months to days by transforming manual RMF compliance paperwork into real-time, audit-ready evidence validation with complete traceability.

WHERE VELES IS USED IN DSD FORGE™

GOAL PHASE

VELES

REQUIREMENTS

Define system & security requirements

Astra gathers initial parameters via standardized questionnaires

Kalvis refines requirements with SMEs.



DESIGN & DEVELOPMENT

Define architecture & security patterns; write secure code

Astra defines compliant cloud architecture templates and embeds NIST 800-53 controls into infrastructure design.

Kalvis decomposes work into structured components



BUILD & INTEGRATE

Automate building, testing, and packaging

Astra generates IaC, builds pipelines, and applies secure configuration baselines.

IL2-IL4 compliant.



TEST & SECURE

Validate functionality and enforce security

Astra automates scanning, runs compliance validation, and enforces NIST 800-53.

Optibase scans STIG compliance.

Kalvis runs functional checks and validation.



DEPLOY, AUTHORIZE, OPERATE & MONITOR

Release; prove secure operation; monitor & maintain compliance

Ingests pipeline outputs, evaluates evidence, identifies gaps, and provides ATO readiness assessments.

Validates updated evidence artifacts whenever changes occur to maintain continuous authorization.



CONTACT US FOR A DEMO


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