

USE CASE

Agentic Courses-of-Action generation for decisioning

Target

Enable defense leaders to generate doctrine-aligned, defensible Courses of Action (COAs) that integrate acquisition, operations, logistics, cyber, and workforce considerations.

Challenges

National security decisions increasingly span multiple domains, authorities, and legacy systems, making it difficult to generate timely, integrated Courses of Action.

- ⚠ Critical data is fragmented across acquisition, operational, logistics, and intelligence systems.
- ⚠ Workforce constraints limit the capacity to perform deep, multidisciplinary analysis at the speed required.
- ⚠ Hidden dependencies and second-order effects introduce risk to cost, schedule, performance, and mission outcomes.
- ⚠ Manual COA development is time-intensive and cognitively demanding, slowing executive responsiveness.
- ⚠ Traditional analytics tools struggle to connect strategic guidance, operational realities, and resource constraints into cohesive decision packages.

Solution

With SeekrFlow™, defense organizations can deploy AI agents to support structured COA generation across mission domains.

SeekrFlow ingests authoritative guidance, program data, operational inputs, and risk factors to synchronize analysis. AI agents surface trade-offs and dependencies while generating concise, decision-ready COA packages aligned to leadership-defined criteria. All outputs are transparent, traceable, and aligned to governance frameworks.

EXAMPLES

- Generate multiple COA pathways aligned to mission objectives
- Surface cross-domain dependencies impacting readiness
- Conduct risk-weighted scenario modeling and consolidate inputs into executive-ready packages

Impact

- ☑ Accelerate COA development and executive decision cycles
- ☑ Improve cross-domain coordination and organizational coherence
- ☑ Enhance visibility into risks, trade-offs, and mission impacts
- ☑ Preserve human authority with transparent, doctrine-aligned AI assistance