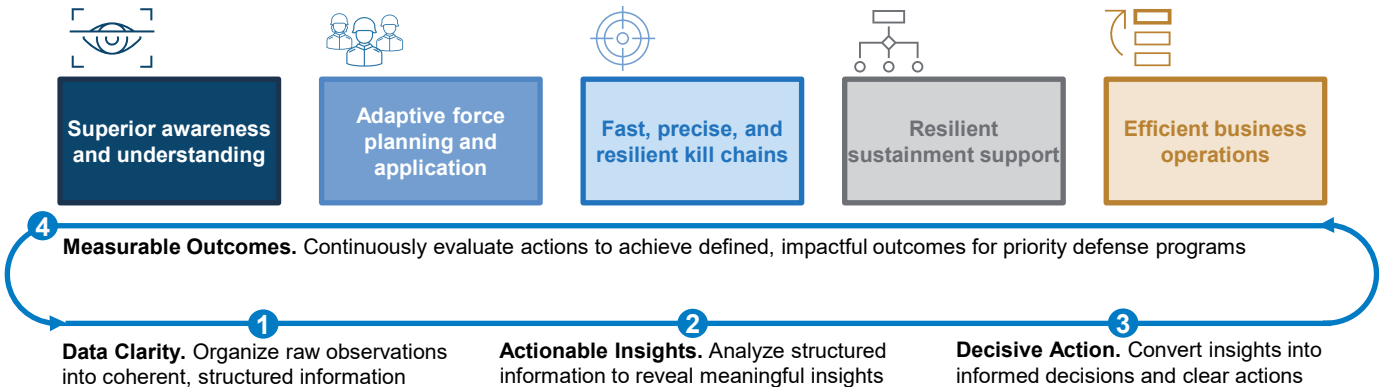


DECISION ADVANTAGE

DATA, ANALYTICS, & APPLIED ARTIFICIAL INTELLIGENCE

Advanced analytics powering informed decisions.



Our Approach: We employ a structured framework to accelerate decision advantage across each program we support. Our team transforms raw data into clear information, distills it into actionable insights, and translates these insights into decisive actions and measurable outcomes—improving lethality, enhancing readiness, and maximizing return on all defense investments.

Cost Engineering & Defense Industrial Base Analysis

We integrate robust cost modeling, parametric analysis, and comprehensive industrial base assessments to enable defense leaders to make more informed strategic investment decisions. By synthesizing available cost data with real-time production metrics and insightful economic analyses, we provide actionable insights that allow for proactive management, timely resource allocation, and enhanced industrial base resilience. This ensures faster, better-informed decisions that reflects a commitment to fiscal responsibility and ensures that every dollar invested in defense generates the greatest possible return.

Analytics-Based Decisions & Data Visualization

Our advanced analytics capabilities and intuitive data visualization tools empower senior decision-makers to rapidly interpret complex datasets—financial, operational, and logistical—into clear, actionable intelligence. Through real-time dashboards, advanced analytics, and

interactive scenario modeling, we enable clients to quickly identify key technical risks, accelerating their ability to make informed investment decisions that directly improve mission effectiveness and operational agility.

Predictive Analytics & Decision Support

Leveraging predictive analytics, sophisticated machine learning, and advanced statistical modeling, we help clients anticipate readiness challenges, budget risk, and supply chain disruptions long before they manifest. Our proactive approach provides actionable insights that significantly accelerate decision-making, enabling leaders to optimize resource allocation, streamline operations, and mitigate risks early within the program development lifecycle.

AI, Generative & Agentic Intelligence

Our AI solutions—including generative models and agent-based simulations—actively adapt in real-time, providing clients with unparalleled decision support and operational foresight.

These advanced AI-driven capabilities accelerate scenario analysis, capability planning, and complex modeling, enabling faster, more informed, and better decisions for priority programs.

What Sets Herren Apart

Outcome-Oriented Focus: Every solution directly aligns with measurable mission outcomes—enhancing readiness, lethality, and efficiency.

Structured Decision Cycle: Our disciplined approach moves seamlessly from data synthesis to actionable insights and decisive actions, continuously improving program decision-making.

Deep Defense Expertise: We embed advanced analytics throughout the Planning, Programming, Budgeting, and Execution (PPBE) process.

Secure, Scalable Solutions: Our IT infrastructure meets rigorous CMMC 2.0 and NIST 800-171 standards, where we can securely scale and transition our solutions into our clients' secure cloud-based environment.

To learn more, visit HerrenAssociates.com