



OptTek Seeks Wider Audience

OptTek enlists CANA Advisors to Enlarge Market Share

Boulder, July 3, 2014- OptTek Systems, Inc. has engaged CANA Advisors to develop new sales channels for the OptDef™, OptForce® and OptQuest® software product suite. By exploring new ways to expose OptTek product applications into international government channels, U.S. Federal, and domestic commercial market domains, CANA will support OptTek in capturing new business opportunities. Providing business introductions to current CANA partners (e.g., Department of Defense (DOD) analytical cells, international points of contact, logistics, supply chain and facilities operations companies), CANA will broaden the base of exposure of OptDef, OptForce and OptQuest software.

“We look forward to working with CANA to identify sales opportunities by independent verification of potential client requirements,” said Dr. Ben Thengvall, Vice President of Government Solutions for OptTek Systems. “We anticipate creating a prioritized target list of clients and opportunities for engagement and expansion of OptTek’s business pipeline.”

While consideration will be given to all of the OptTek software products, a priority will be given to OptDef based on CANA’s strong relationships with DOD and international government clients. OptDef delivers software technology that improves the affordability, effectiveness and ROI of DOD Modeling and Simulation (M&S). M&S tools alone can address only “What if...?” analyses. OptDef, a simulation optimizer, works with existing, unmodified, constructive M&S tools to resolve “What’s best...?” analyses, such as the best Integrated Air and Missile Defense (IAMD) laydown against an expected Adversary attack, or (conversely) the Adversary’s best attack against a given IAMD laydown. OptDef manipulates analyst-declared decision variables to optimize IAMD or Adversary measures of effectiveness (MOEs) while satisfying analyst-specified constraints. OptDef integrates with both deterministic and stochastic (“Monte Carlo”) M&S to optimize DOD Acquisition and Warfighter decisions.

According to Dr. Thengvall, “Architecturally, OptDef isolates the user interface and optimization engine from the Integration Layer. The integration layer contains all simulation-specific knowledge which allows reuse of all core OptDef capabilities with new simulation tools with minimal additional effort. OptDef has been integrated with four DOD simulation tools and a fifth integration is underway. The OptDef engine applies proven, advanced global optimization algorithms for simulation optimization.” “Proprietary to OptTek Systems, the optimization algorithms include mathematical programming and metaheuristics perfected and proven over 20 years on a current commercial user base of over 100,000 licenses.” Developed with funding from the MDA Small Business Innovative Research (SBIR) program, the OptDef engine also includes novel capabilities for multi-objective optimization pertinent to DOD, such as “Maximize Effectiveness *and* Minimize Resources Deployed.” Additionally, following optimization OptDef applies different statistical and data mining techniques to provide insight into the influence of the variables on the objectives and to identify good and bad regions of the tradespace.

About OptTek Systems, Inc.

OptTek Systems, Inc. is a Boulder, Colo. based optimization software and services firm. From its inception in 1992, OptTek has become the leading provider of optimization software to simulation companies and employs state-of-the-art techniques based on many years of research in the area of optimization, in which OptTek's founders are internationally recognized leaders. OptTek specializes in developing and customizing its software to enable solutions for business problems characterized by significant uncertainty and complexity. OptTek's software is used by hundreds of firms including FORTUNE 500 companies for a variety of applications including portfolio optimization, business process management, data security, financial and strategic planning, logistics and transportation, and government. OptTek's website is www.OptTek.com.

About CANA Advisors

CANA Advisors is a veteran-owned and woman-owned small business headquartered in Northern Virginia. Composed primarily of U.S. military veterans, we have extensive military and commercial experience in operations management, strategic planning, and logistics and supply chain execution. Our team boasts global military and commercial expertise spanning over seventy-five years. CANA's website is www.canallc.com

About the MDA SBIR Program

The Missile Defense Agency's (MDA) mission is to develop, test, and field an integrated, layered, Ballistic Missile Defense System (BMDS) to defend the United States, its deployed forces, allies, and friends against all ranges of enemy ballistic missiles in all phases of flight. The MDA Small Business Innovation Research (SBIR) Program is implemented, administrated and managed by the MDA SBIR/STTR Program Management Office (PMO), located within the Advanced Technology (DV) Directorate. The MDA SBIR website is www.mdasbir.com

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