Department of the Navy SBIR/STTR Transition Program
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NAVAIR JSF17-908

Topic # N122-121
Company Capability Briefing
Numerica Corporation

WHO

SYSCOM: NAVAIR

Sponsoring Program: PMA-231

Transition Target: Pending-contact TPOC

TPOC:
(301)247-8566

Other transition opportunities:
The Numerica receiver scheduling algorithm is a general-purpose algorithm that could be applied to receiver applications

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WHAT

Operational Need and Improvement: From principled research to robust solutions, we transcend the boundaries of what's possible to protect our most valuable assets in mission-critical environments and help our customers make our cities and communities safer.

Specifications Required: Numerica exists to solve the most important information science challenges faced by our customers.

Technology Developed: Our world-class scientists, engineers and software architects deliver state-of-the-art technology solutions to our government and industry customers. We provide new levels of actionable information to decision makers, and our advanced algorithms and software are deployed in systems around the world.

Warfighter Value: Whether it's in the form of police database software, national defense solutions, or other innovative technologies, Numerica Corporation is dedicated to advancing the science of information for a limitless and prosperous future.

WHEN

Contract Number: N68335-14-C-0309 **Ending on:** April 28, 2017

Milestone	Risk Level	Measure of Success	Ending TRL	Date

HOW

Projected Business Model: Numerica Corporation is a small business whose primary focus is the development and implementation of advanced algorithms and the licensing of operational software. Numerica is at the forefront of the multi-target tracking community: Numerica develops MDA's Command, Control, Battle Management, and Communications (C2BMC) track processing thread, and the Army's IAMD Battle Command System Track Manager. Numerica has a commercial tracking product called the Numerica Track Manger that has over 75 licenses and is deployed worldwide. In addition, Numerica specializes in the development of other advanced algorithms and software solutions including estimation, optimization, sensor management, and radar signal processing.

Company Objectives: We catalyze customer success by creating innovative solutions to their most pressing technical challenges.

Potential Commercial Applications: This technology could be used for surveillance systems where a resource has to be scheduled

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