



SURVICE

ENGINEERING COMPANY

Safe. Survivable. Effective.

www.survice.com

OUR BUSINESS AREAS

SURVICE's reputation as a nationally recognized leader in system safety, survivability, and effectiveness is built around our core business areas.

SYSTEMS ANALYSIS & ENGINEERING

SURVICE has long been a leader in analyzing the design and performance of U.S. and foreign air, land, and sea combat systems. We conduct a wide variety of ballistic and nonballistic analyses and systems engineering studies, including threat-target interactions; susceptibility and vulnerability reduction; platform suitability; component, system, and mission performance; technology optimization; personnel vulnerability; fire prediction/mitigation; platform/munitions-related safe escape/separation, flutter, stability, and control; electromagnetic environmental effects (E3) and lightning effects; and cyber-related issues.

DIMENSIONAL METROLOGY & REVERSE ENGINEERING

SURVICE is uniquely positioned to offer DoD and non-DoD customers specialized, high-precision metrology (i.e., measurement), modeling, and related services. These services—which can be performed at a customer site or our full-service Metrology Centers—include reverse engineering, target exploitation, rapid prototyping, dimensional inspection, pre- and post-test damage assessment, 3-D geometric modeling, metrology integration support (for manufacturing and assembly), and metrology tool application and development.

TEST & EVALUATION

SURVICE's experienced T&E professionals are involved in all aspects of acquisition program support, including ballistic and nonballistic developmental, operational, and Live Fire testing. We perform test planning, management, conduct, analysis, and reporting; and we use the latest automated data collection tools, damage assessment processes, and weapon system databases. Also, when appropriate, we leverage capabilities and technologies from across the company to give our customers a convenient single source for all their T&E needs.



OUR STORY

In 1981, Jim Foulk, an early leader in aircraft survivability, founded a small company with just a few people in northeastern Maryland to support the U.S. warfighter with unparalleled survivability services—hence the name “SURVICE.” Today, with nearly 400 employees and numerous locations across the country, the SURVICE Engineering Company continues to provide these unparalleled services, particularly in the areas of system safety, survivability, and effectiveness.

In addition, we have continued to grow to match the needs of our customers, expanding and enhancing our capabilities to support the DoD community, as well as the homeland security, advanced technologies, environmental, and commercial markets. But we have also worked hard to retain the original vision upon which SURVICE was founded—to provide the warfighter with the safest, most survivable, and most effective equipment possible.



MODELING & SIMULATION/ SOFTWARE ENGINEERING

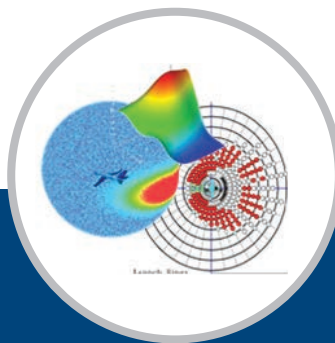
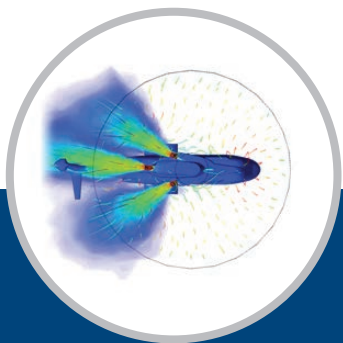
SURVICE has proven expertise with applying existing and developing new M&S and software engineering tools and technologies. We work with many engineering and physics-based component-, system-, and force-level models; and our capabilities span from algorithm/methodology development to code design and optimization to configuration management and verification, validation, and accreditation (VV&A) support (in all phases of the acquisition process). We also develop customized user

interfaces and computational tools for applications such as automated laser measurement, post-test damage collection, 3-D geometry modeling/conversion, high-speed raytracing, and fire modeling.

INFORMATION TECHNOLOGIES & MANAGEMENT

SURVICE is a repository and distributor of the nation's vital defense-related information. As the prime contractor of the Defense Systems Information Analysis Center (DSIAC), we acquire, archive, analyze, synthesize, and

disseminate scientific and technical information related to nine communities of practice: survivability and vulnerability; military sensing; advanced materials; energetics; non-lethal weapons; directed energy weapons; autonomous weapon systems; reliability, maintainability, quality, supportability, and interoperability (RMQSI); and weapon systems. Additionally, we maintain classified and unclassified databases, supporting the community practitioners in a wide range of research, development, test, and evaluation efforts.



OUR PEOPLE

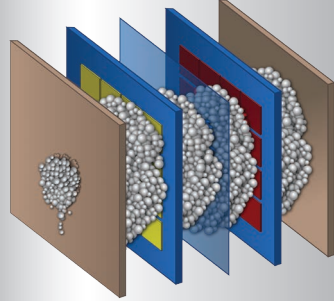
SURVICE employees have backgrounds in engineering, physics, mathematics, chemistry, computer science, acquisition, technical writing, training, and other technical and administrative fields. And many of our personnel have DoD and/or operational military experience as well. Using a matrix approach, we draw on expertise from across our workforce to build customized work teams for each project and customer. The result is a successful, skilled workforce and many satisfied customers.

OUR FACILITIES & LOCATIONS

We strive to equip our employees with state-of-the-art tools and technology, as well as comfortable, convenient, and secure facilities close to our major customers. Our Corporate Headquarters and Aberdeen Area Operation are located in northeast Maryland, just outside the gates of the nationally recognized Aberdeen Proving Ground. And with full-service Regional Operations conveniently located near major customers and military installations from coast to coast, SURVICE stands ready to meet the needs of our existing and emerging customers, wherever they may operate.



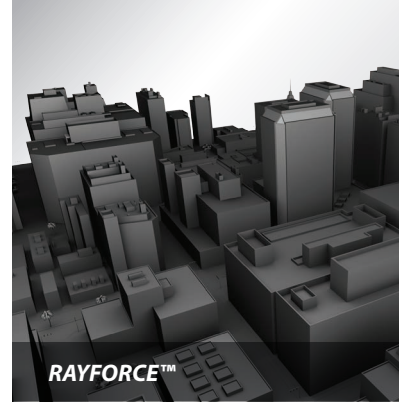
ARGUS™



SELF-SEALING FUEL
CONTAINMENT SYSTEM



E-CLR™



RAYFORCE™

OUR SPECIAL TECHNOLOGIES

SURVICE also possesses a wide array of in-house specialized technologies and capabilities that complement our core business areas. They include:

ARGUS™

SURVICE's Autonomous Remote Global Underwater Surveillance (ARGUS™) system is a unique technology that supports hydrographic surveying for the benefit of the commercial and recreational boating communities by providing a seamless capability to map coastal and inland waterways using crowd-sourced bathymetry and automated collection and processing of vessel chartplotter and environmental data.

argus.survice.com

FIRE WORKS

Fire Works is a uniquely qualified team of engineering and computing specialists—as well as an array of specialized tools, such as the SURVICE-developed DoD Fire Prediction Model (FPM)—dedicated to help customers understand and address the complex issues of fire prediction, protection, and mitigation as related to military and commercial vehicles and facilities.

fireworks.survice.com

ENHANCED-CLR™

The centerpiece of SURVICE's metrology capabilities is the SURVICE-customized Enhanced-Coherent Laser Radar (E-CLR), which is one of the most accurate noncontact dimensional inspection tools in the world, uniquely integrating a professional-grade photogrammetry system with advanced computer-vision technology to provide customers with a fully autonomous and programmable metrology solution.

metrology.survice.com

HPC CENTER

SURVICE's High-Performance Computing (HPC) Center is a uniquely accredited NVIDIA CUDA Research Center and an industry leader in HPC, computer graphics, scientific visualization, and physics-based M&S capabilities, developing and using numerous leading-edge tools and technologies, such as the ultrafast Rayforce™ and StingRay™ ray tracing technologies.

rayforce.survice.com

COMPOSITES

As a long-time leader in composites research and development, SURVICE is partnering with experts in academia and industry to leverage the high-strength, low-weight advantages of composite materials, as well as advances in composite manufacturability, and integrate these technologies across the battlefield and beyond, including in electromagnetic shielding, rotorcraft drive shafts, and combat vehicle flooring.

SELF-SEALING FUEL CONTAINMENT

SURVICE's self-sealing fuel containment technology provides current and new fuel tank bladders/designs with a robust, lightweight, and easily integrated multi-hit solution, leveraging a novel "sandwich" design of liquid reactant and high-elongation elastomer layers, as well as a quickly forming/expanding polymer, to provide mechanical and chemical self-sealing capabilities against traditional and emerging/advanced fuels.



U.S. Army



U.S. Air Force



U.S. Navy



U.S. Marines



Industry

OUR CUSTOMERS

SURVICE customers can be found throughout government and industry and across the country. The following is a sample of some of the companies and groups we have served.

ARMY

- Aberdeen Test Center
- Armament Research, Development, and Engineering Center
- Army Aviation and Missile Command
- Army Evaluation Center
- Army Research Laboratory
- Aviation and Missile Research, Development, and Engineering Center
- Aviation Applied Technology Directorate
- Communications-Electronics Command
- Communications-Electronics Research, Development, and Engineering Center
- National Ground Intelligence Center

- Program Executive Office, Missiles and Space
- Program Manager, Armored Multi-Purpose Vehicles
- Program Manager, Bradley
- Program Manager, Cargo
- Program Manager, Mine Resistant Ambush Protected Vehicles
- Program Manager, Utility
- TACOM Life Cycle Management Command
- Tank Automotive Research, Development and Engineering Center
- Training and Doctrine Command

AIR FORCE

- Air Force Life Cycle Management Center
- Air Armament Center
- Operational Test and Evaluation Command
- Force Protection Battlelab
- Air Force Research Laboratory
- Air Force Special Operations Command
- Air Mobility Battlelab
- Joint Strike Fighter Program Office
- National Air and Space Intelligence Center
- Air Force Materiel Command

INDUSTRY/OTHER

- AECOM
- Aerojet Rocketdyne
- AgustaWestland
- American Systems
- Automated Dynamics
- Bath Iron Works
- BAE Systems
- Boeing
- Booz Allen Hamilton
- CACI
- Engility
- General Atomics
- General Dynamics
- General Electric
- Hitachi
- Intel
- Jacobs
- Leidos
- L-3 Communications
- Lockheed Martin
- Malloy Aeronautics
- NASA
- Northrop Grumman
- NVIDIA
- Pratt & Whitney
- Raytheon
- Rolls-Royce
- SAIC
- Sikorsky Aircraft
- Textron Systems
- Voith Siemens
- Wyle

JOINT/DoD

- Director, Operational Test and Evaluation
- Joint Aircraft Survivability Program Office
- Joint Improvised-Threat Defeat Agency
- Joint Program Office for F-35
- Joint Project Manager, Individual Protection
- Joint Technical Coordinating Group for Munitions Effectiveness
- Joint Test and Evaluation Program Office
- Unexploded Ordnance Center of Excellence

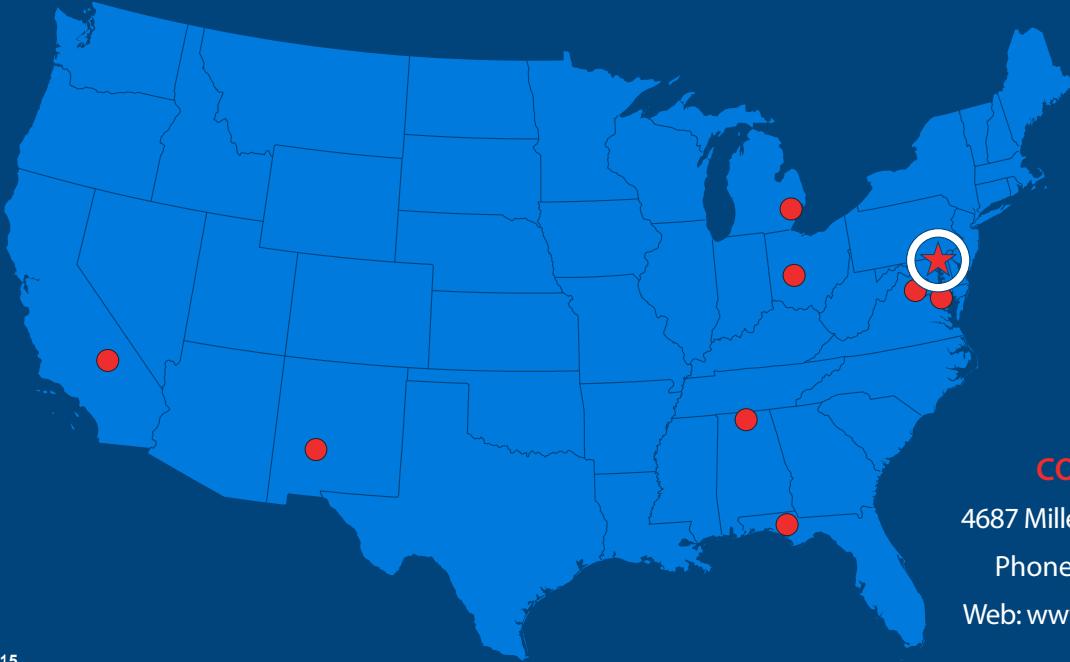
MARINE CORPS

- Joint Program Office Mine Resistant Ambush Protected Vehicles
- 2d Marine Aircraft Wing
- Marine Corps Operational Test and Evaluation Activity
- Program Executive Office, Land Systems
 - » Program Manager, Advanced Amphibious Assault
 - » Program Manager, Light Tactical Vehicles
 - » Program Manager, Mine Resistant Ambush Protected
 - » Program Manager, Medium and Heavy Tactical Vehicles

- Marine Corps Systems Command
 - » Program Manager, Combat Support Systems
 - » Product Manager, Engineer Systems
- Program Manager, Light Armored Vehicle
- Program Executive Office, Special Operations Forces Warrior
 - » Program Manager, Family of Special Operations Vehicles

NAVY

- Battle Space Modeling and Simulation
- Naval Air Systems Command
- Naval Sea Systems Command
- Naval Air Warfare Center Weapons Division
- Naval Surface Warfare Center
 - » Naval Surface Warfare Center Carderock Division
 - » Naval Surface Warfare Center Dahlgren Division
- Office of Naval Research
- Program Executive Office, Ships
- PMA-201
- PMA-242
- Naval Post Graduate School



CORPORATE HEADQUARTERS

4687 Millennium Drive, Belcamp, MD 21017-1505

Phone: 410-273-7722 | Fax: 410-272-7417

Web: www.survice.com | Email: info@survice.com

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SURVICE AREA OPERATIONS

To learn more about the SURVICE Engineering Company, including contract partnering opportunities, ways we might support your organization, or employment opportunities, please visit us at www.survice.com, email us at info@survice.com, or call us at 410-273-7722.

ABERDEEN AREA OPERATION

4695 Millennium Drive
Belcamp, MD 21017-1505
Email: Aberdeen_info@survice.com
Phone: 410-273-7722

GULF COAST OPERATION

1819 Lewis Turner Boulevard
Fort Walton Beach, FL 32547
Email: GCO_info@survice.com
Phone: 850-362-6920

PMC OPERATION

1242 El Camino Real Street
Socorro, NM 87801
Email: PMC_info@survice.com
Phone: 575-835-4800/4801

APPLIED TECHNOLOGY OPERATION

4694 Millennium Drive, Suite 500
Belcamp, MD 21017-1505
Email: Applied_technology_info@survice.com
Phone: 443-360-4605

GULF COAST FACILITY - SURVICE METROLOGY

1819 Lewis Turner Boulevard
Fort Walton Beach, FL 32547
Email: GCO_info@survice.com
Phone: 850-362-6920

RIDGECREST AREA OPERATION

917 West Inyokern Road, Suite A
Ridgecrest, CA 93555
Email: Ridgecrest_info@survice.com
Phone: 760-446-2424

ATLANTIC COAST FACILITY - SURVICE METROLOGY

4694 Millennium Drive, Suite 510A
Belcamp, MD 21017-1505
Email: Metrology@survice.com
Phone: 410-297-2378

HUNTSVILLE AREA OPERATION

6703 Odyssey Drive, Suite 102
Huntsville, AL 35806
Email: Huntsville_info@survice.com
Phone: 256-922-0762

WASHINGTON AREA OPERATION

Quantico Center
3700 Fettler Park Drive, Suite 401
Dumfries, VA 22025
Email: Washington_info@survice.com
Phone: 703-221-7370

DAYTON AREA OPERATION

4141 Colonel Glenn Highway, Suite 209
Dayton, OH 45431
Email: Dayton_info@survice.com
Phone: 937-431-9914

MICHIGAN AREA OPERATION

1397 Piedmont Drive, Suite 400
Troy, Michigan 48083
Email: Michigan_info@survice.com
Phone: 248-509-7970

DEFENSE SYSTEMS INFORMATION ANALYSIS CENTER

4695 Millennium Drive
Belcamp, MD 21017-1505
Email: Contact@dsiac.org
Phone: 443-360-4600

PATUXENT AREA OPERATION

22099 Three Notch Road, Suite 104
Lexington Park, MD 20653
Email: Patuxent_info@survice.com
Phone: 301-866-2080