



Our Capabilities



About Fuse

Fuse was founded in 2010 with the objective of delivering innovative network and software solutions for the warfighter and the first responder. As a Service-Disabled Veteran-Owned Small Business (SDVOSB), we are dedicated to advancing warfighter capabilities with elegant, user-focused communications, networks, and software solutions. Fuse puts the warfighter first.

Our Advantage

The combined value of operational experience and design and engineering expertise sets Fuse apart from other design and engineering firms. Fuse's dedication to user-focused design and engineering has earned us recognition as an emerging leader in airborne networking, and we are projected to rapidly grow and help forge the growth of California's economy.

Since our founding, we have provided engineering and design support, product development, and consulting support through a variety of commercial, defense, and government contracts. A majority of our support has been provided primarily to the Department of Defense, Navy, Army, Marine Corps, Air Force, and Coast Guard. We work closely with our clients and highly value our ability to bridge the gap between the operator and the engineer with a focus on the user.

Our Team

Our team's innovation is attributed to the diverse experiences of our team members. We are proud to proclaim that approximately 40 percent of our team members are veterans, which also includes our CEO and Board of Directors. Our nonveteran team members

Fuse applies an agile approach to development, a rapid prototyping ethos, and a collaborative design thinking strategy for creative problem solving on behalf of the warfighter.

contribute a mixture of public service, higher learning, and commercial experiences that further expand the Fuse team's diverse background and skillset. The breadth of the Fuse team's unique and diverse experiences allows us to realistically and gainfully innovate for our users and meet their special needs and requirements.



Our Processes

Fuse innovative solutions are driven to fruition through our adherence to processes that encourage collaboration, creativity, iteration, and focus on the user. Our dedication to using design thinking and agile principles allows our team to move beyond traditional product development.

Design thinking encourages all Fuse team members to think creatively and work collaboratively while building empathy and understanding for problems faced by the user that can be tested and evaluated for feedback. Meanwhile, agile principles inform and provide structure to Fuse design and engineering processes. Our multidisciplinary teams meet frequently in brief scrum meetings that promote teamwork, communication, and integration. Team members work simultaneously on requirements and prioritized features, resulting in swift and efficient development that is reworked and improved in each sprint.

By using these processes to learn through informed prototyping and testing and steadily implementing feedback into each new iteration, the Fuse team ensures that solutions can be honed to meet the needs, requirements, and desires of the user.

About Fuse Products

Fuse products are carefully designed and engineered to advance warfighter capabilities and are categorized by type: communications, software, or networks.

Product Type Key:



Communications



Software



Networks

In all three categories of our products, our team strives to excel in design, engineering, and production. From concept to prototype to final product, our innovative solutions have made an impact

on the defense industry that can be attributed directly to our attention to user experience on behalf of warfighters. Our products go beyond the standard of achieving functionality to realize the higher standard of efficient and intuitive usability. Reinforced by our quality policy, our team is committed to devising, producing, and delivering innovative solutions that meet requirements and satisfy our customers and product users. Read more about some of our products below.

CORE®

This minimized SWaP networking solution is built upon proven system components providing advanced routing, optimization, protection, encryption, and monitoring services in 1/4 ATR form factor. CORE is the smallest implementation of a full ciphertext core network stack available anywhere.



Roller CORE®

The portable, ruggedized roller-bag version of our CORE technology supports VIP network integration at remote or unimproved sites as well as hotel environments. This cutting-edge network solution perfectly balances the requirements of a ruggedized ciphertext network and the flexibility of transportability for leaders.



T3

T3 (Tactical Data Link (TDL) Troubleshooting Tool) collects TDL configuration settings from globally dispersed US Navy ships and integrates the data onto a secure, network-accessible user interface. It provides easy remote insight into status and system settings for operators and subject matter experts.



DSM

The software and network management component of our CORE products, DSM (Decoupled System Manager) is a powerful utility that provides real-time visibility of system and network performance across multiple distributed nodes.



TANS

TANS (Tactical Airborne Network Simulator) is a modular simulation software that allows users to view platforms and emitters in scripted and dynamic scenarios to simulate real-world airborne tactical networks and run hardware-in-the-loop tests.



Ocular

Ocular is a mobile situational awareness tool that lets teams operate in distributed environments, providing a common operational picture with shared location data, live-map markup, text, video, and voice connectivity.





In 2018, Fuse was nationally recognized in the top third of the Inc. 5000 list, a list of the most innovative and fastest-growing private companies.



Advancing Warfighter Capabilities

Fuse is a Service-Disabled Veteran-Owned Small Business with a focus on communications, networks, and software-based systems. Our team is working hard to lead defense innovation with an agile approach to development and a rapid prototyping ethos for the way systems are built. We are focused on designing and delivering intuitive products for warfighters deployed around the world to help improve their quality of life and accomplish their missions safely and efficiently.

Fuse Integration, Inc.

1425 E Street
San Diego, CA 92101

www.fuseintegration.com
info@fuseintegration.com
619.255.0668

Some photographs courtesy of the
US Navy and US Air Force.

© 2018 Fuse Integration, Inc.