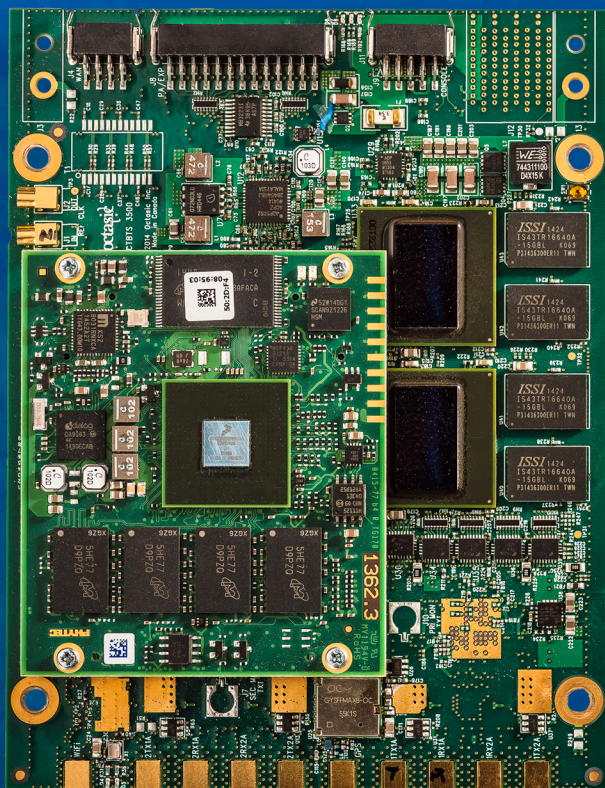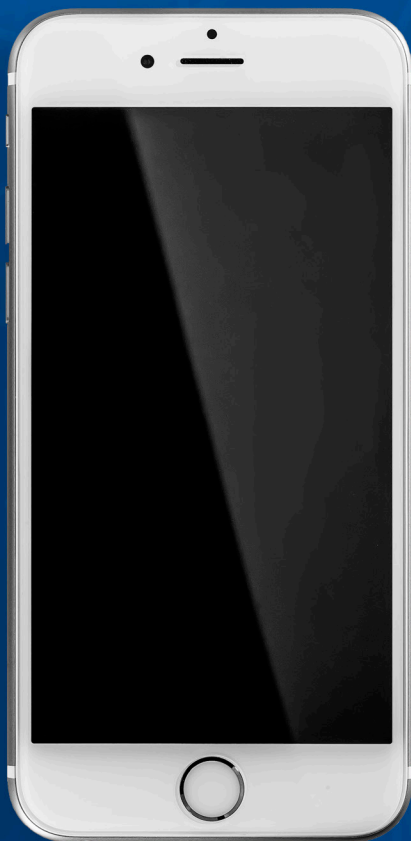W5®

W5 Technologies, Inc.®

Mission Critical Mobile Communications

Picocell cellular ground station

Your Communications are Our Objective

We are Cellular Communications Experts

Mobile communications are a critical component of any operation. From the warfighters to public safety personnel, your ability to stay connected directly relates to your mission's success.

At W5, we are mobile communications experts that specialize in the development of innovative solutions for the government and defense industries. From research and development to system engineering and testing, we are experienced, capable, and dependable partners to maximize your mobile communications capabilities.

Getting to the Core of Your Objective

As a W5 customer, you can look forward to exceptional project management from initial discovery and planning through deployment and support. We will understand the true needs of your project including the purpose of your objective. This way, we can best develop your solution to function within your systems and processes.

Assembling the Best Team for Your Solution

Armed with a strong sense of understanding, we assemble a project team based on matching staff and integrated specialists to the tasks at hand. Working together, these professionals maximize expertise and efficiency through proven engineering, scientific, analytical and programming techniques. As strong communicators, you'll not only notice how well your team works together, you'll appreciate how well you are informed and consulted along the way.

Managing Every Phase of the Process

When you partner with W5, you're getting more than just technical expertise. We also manage every aspect of your project's lifecycle. Whether we are planning, researching, developing, integrating or testing, you'll know where we are and what we're doing to drive your project toward its unique goals and objectives.

Delivering Results with Accountability

As your partner, we are accountable to the project, the contract and you. You'll experience that accountability in the way we approach every purpose, process and product. Your trust in our company will be earned by our performance, capabilities and abilities. We wouldn't have it any other way.

Specializing in Mobile Communications

With extensive staff experience in the development of large-scale, global communications for the warfighter, we at W5 Technologies have earned our reputation as the small company with big solutions. Working alongside some of the largest prime contractors in the defense industry, we are bringing the next generation of mobile communications to the battlefield today.

As a company, we offer the flexibility and agility of a small business within a framework of accurate and complete documentation and thorough product testing. This recipe assures the highest quality while minimizing costs, maximizing efficiency and making your success a reality.

Whatever Your Challenge, We're Mission Ready

As innovators, your greatest challenge is our opportunity to push the envelope and raise the bar. We're creative problem solvers that operate without the politics and prejudices that keep you from the best possible solution.

Our team of communications engineers bring extensive experience in commercial cellular and military defense systems. We apply that experience through a robust service offering that includes:

System Engineering: Learning the true purpose and needs behind your challenge helps us design a solution with the optimum perspective, function and lifecycle.

Software Development: Whether we are upgrading your existing products, transforming a COTS product into a custom solution or creating something new entirely from scratch, we can help you realize your software's potential.

Integration, Test and Verification: Applying engineering, scientific and analytical disciplines, we ensure your system and interoperability requirements are tested and fulfilled.

Training and Support: We offer on-site and off-site courses and training programs for product developers, system managers and radio users to jump-start your team's knowledge base.

Project Management: As project managers we bring extensive, large scale communication project experience and Project Management Professional (PMP) certification to ensure a quality process. From running the numbers to mitigating the risks, we'll get you to your goal on time, on spec and on budget.

Product Highlight: "Mighty MUOOS™"

Mighty MUOOS

Challenge: Enable warfighter training on the U.S. Navy's Mobile User Objective System (MUOS) without accessing the actual satellite-based system.

Solution: W5 Technologies developed the world's only mobile MUOS training emulator.

The World's Only Off-Satellite MUOS Training Emulator

The Mobile User Objective Orientation System or "Mighty MUOOS" is an off-satellite emulator that prepares users and planners prior to MUOS radio use in the field. This local, portable and configurable solution for the MUOS system offers realistic training and testing without the use of live satellite channels.
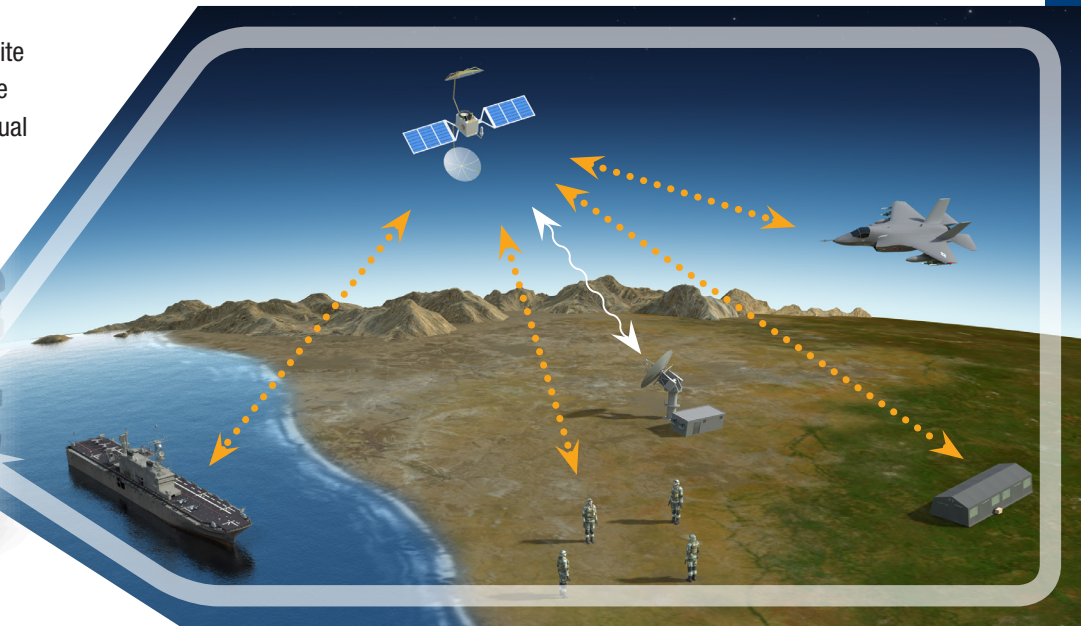
The Mighty MUOOS is perfectly suited for MUOS system validation, classroom education, pre-mission rehearsals and systems checks. Using this dynamic technology, trainers can exercise various connectivity scenarios to develop TTPs and train personnel, while maintaining manageable logistics and reduced expenses.

The Mighty MUOOS' satellite and ground emulations are indistinguishable from actual MUOS system operations.

Ultra-realistic mission scenarios

UHF   Ka-Band

We are Your Cellular Experts On Call

Contact us and let W5 Technologies show you how we can develop the best solution for your next mobile communications challenge. Let's connect and talk about how we can make your current mission a success.

Contact **Jason Ferguson** at **480 422 6009 x827** or **jasonferguson@W5Tech.com** for more information.

W5 Programming Fluencies

- C/C++

- Embedded programming

- Windows®, Unix®, Linux®, Android™ and real-time operating systems (Green Hills® Integrity® and VxWorks®)

- Java®, Python™, Perl®

- Joint Tactical Radio System (JTRS)

- CORBA compliance

- Interface Description Language (IDL)

- SCA modeling tools

- Security address partitioning

W5 Credentials and Certifications

- Project Management Institute's Project Management Professional (PMP) Certified

- Registered Small Business DUNS: 83-669-6807

- Primary NAICS: 541511

- CAGE: 56YX1

- DCAA compliant accounting

- Seaport-e Certified: Multiple Award Contract No. N00178-12-D-7116

- Citizenship: W5 Staff Is Composed Entirely of United States Citizens

W5 Technologies, Inc.®

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