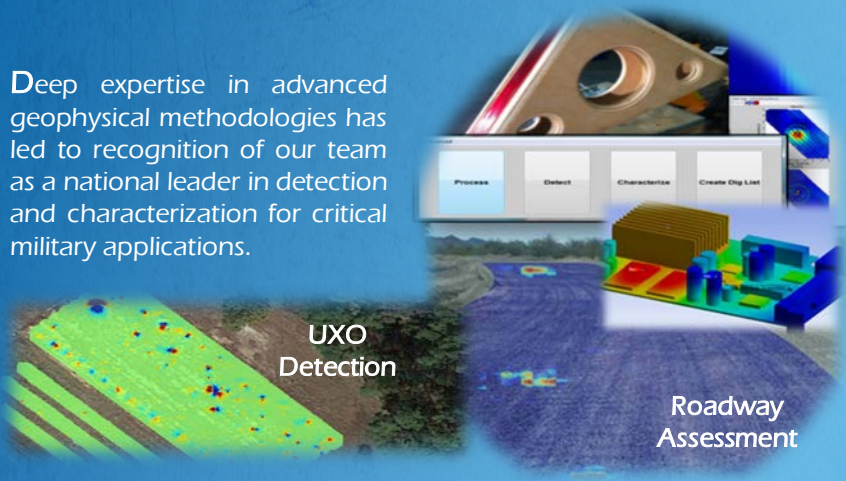
white river technologies

White River Technologies, Inc. (WRT) was founded with the objective of pioneering technological solutions to demanding defense, environmental, and energy infrastructure problems. From offices in New Hampshire and Massachusetts, WRT provides applied geophysical research, consulting, engineering, sensor system prototype development services, and component technology licensing to defense integrators and service providers. Technical strengths reside in innovative geophysical instrumentation, specialized high-quality field services, and leading-edge data processing and analysis methods.

Deep expertise in advanced geophysical methodologies has led to recognition of our team as a national leader in detection and characterization for critical military applications.



WRT provides services to a wide range of government and commercial clients. WRT scientists and engineers perform work ranging from initial concepts and design to engineering prototypes to low rate production and operational support and sustainment. Our team delivers successful technology transition and implementation.

White River Technologies, Inc.
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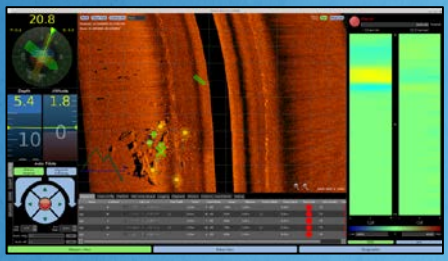
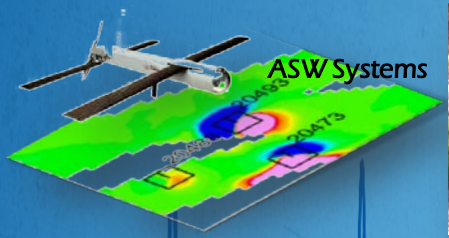
WRT Delivers Results:

- Defense Sensing Systems
- Physical Security Solutions
- Marine Geophysics
- Military and Civil Infrastructure Investigation
- Enhanced & Renewable Energy Characterization



Through multiple projects and formal government evaluations, we have mature procedures for characterizing magnetic, electromagnetic, and acoustic signatures of several military systems. This includes both manned and unmanned undersea, ground, and airborne platforms.



IED & Mine Detection

We perform product development, unit and system integration support, to prototype manufacturing and ultimately transition to military or commercial market sectors through pilot assembly, product design, and licensing.

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Advanced Military Sensor Systems

WRT's detection and surveillance systems exploit new technology and market trends: (1) new Micro-Electro-Mechanical Systems (MEMS) sensors; (2) miniaturized magnetometers and electro-magnetic (EM) sensors; and (3) scalable unmanned aerial vehicles (UAVs) and new unmanned underwater vehicles (UUVs, AUVs).

Configurable EM Systems

WRT developed a family of geophysical detection and classification systems exploiting advanced 3-axis transmitters and receivers. Multiple form-factors deliver unmatched realtime performance for UXO and IED applications.

Miniaturized Atomic Magnetometers

Breakthrough atomic magnetometers deliver fT sensitivity; over 1000 times more sensitive than conventional MAGs. Reduced size, weight, power and cost enable new innovative CONOPS for detection and surveillance. WRT is leading the DOD in delivering new solutions using MiniMag technology.

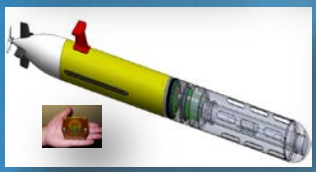
UUV Mag Gradiometer

WRT's approach increases system capability, utility and value.

- Miniaturization enables sensor integration on drones, robots and UUVs/AUVs
- Configurable magnetic and EM systems
- Robust software for realtime results at reduced costs

Unmanned Systems

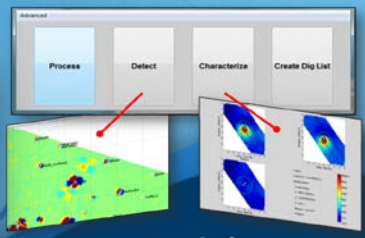
WRT has extensive experience developing sensor payloads for robust field systems. Over 30 systems have been built for air, ground and underwater applications on a wide range of platforms.



Advanced Analysis

WRT scientists and engineers are published subject matter experts in data analysis, signal & image processing and magnetic / EM modeling & simulation.

Easy Set-Up PB-IED Detection



Push-Button Software

Combining subject matter expertise, advanced engineering, and practical operational experience provides WRT's customers with a responsive team delivering advanced military solutions.