



Where Precision Meets Innovation: Trimble 3D Laser Scanning

A Trimble Laser Scanner is a cutting-edge tool used in the surveying and geospatial industry. These devices utilize laser technology to capture highly detailed 3D data rapidly and accurately, with easy-to-use software for control and analysis in the field. This data has diverse applications, from topographic mapping to building information modeling (BIM), transforming how professionals collect spatial data. The result is enhanced efficiency, productivity, and decision-making, reducing errors and improving project outcomes.


Explore Trimble's remarkable 3D laser scanner lineup, featuring the X7, SX12, X12, and the new standout performer – the X9. The Trimble X9 3D Laser Scanner is a versatile reality capture solution for surveying, construction, oil and gas, forensics, monitoring, and more. It offers rapid data acquisition, precision, and efficient area coverage, simplifying complex tasks. With a longer range and faster scan times, it captures fine details, improving scan results and boosting your productivity.

The X9 also has an affordable 5-year cost of ownership compared to its competitors. Moreover, it is designed to seamlessly integrate with various software platforms, streamlining post-processing and ensuring you get the most out of your scans.

In an industry where a project's success depends on accurate, timely data, the choice of a laser scanner can make all the difference.

Contact us today to learn more about our 3D laser scanning and imaging systems.



			
Trimble X7 For precise scanning at faster speed	Trimble X9 Versatile, advanced scanning and imaging	Trimble X12 High-end laser scanning system	Trimble SX12 High-accuracy and high-precision scanning

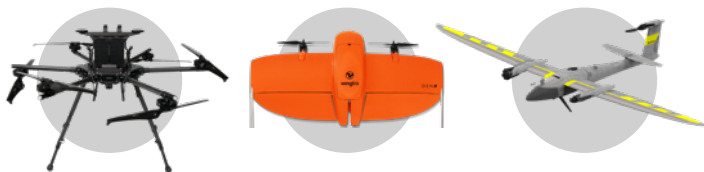
Customer Stories from the Field

Trimble’s commitment to delivering innovative solutions is transforming the world of surveying and geospatial technology. Consider Hyatt Survey, a full-service surveying and mapping company located in Florida. When their Trimble R12 GNSS System was found submerged 6 feet deep in a lake, the Hyatt Survey team powered the unit back on and found it was operational - even after 30 minutes underwater! Upon retrieval, the unit reconnected with the data collector and resumed tracking satellites. Today, it continues to operate flawlessly, a testament to its durability in harsh environments.

Another customer of Duncan-Parnell, Cemex in Brooksville, FL, was faced with the challenge of accurately measuring quarry water depths. Our geospatial sales representative Joe Weaver recommended using the Trimble R12i, a cutting-edge GNSS technology for real-time data, and the Seafloor Hydrolite, designed for aquatic environments to ensure rapid and precise water depth measurements. These Trimble products showcased their ability to handle tasks in demanding conditions.



Introducing a Wide Range of Government-Approved UAS Brands



At Duncan-Parnell, we are proud to deliver top-tier products to our customers, and our wide range of government-approved UAS (Unmanned Aerial System) brands are no exception. Our product lineup now includes Blue UAS Certified, NDAA Compliant, and GSA Approved drones – assuring our customers of the highest standards of quality and reliability.

What exactly do these qualifications mean? These designations signify that the drone brands we carry have met and exceeded the stringent criteria set forth by the U.S. government.

Blue UAS Certified	GSA Approved	NDAA Compliant
<p>This certification is a system to vet and scale commercial UAS technology for the Department of Defense (DoD), created initially to certify U.S.-made drones for military use.</p> <p>Blue UAS Certified products must comply with the highest standards including passing a cyber-security evaluation, having no foreign-made components, an NDAA compliance check, etc. Brands who make this list are approved to be sold to federal agencies (and are preferred by government contractors).</p>	<p>Products and services offered through GSA Advantage have met the rigorous quality and performance requirements set by the General Services Administration (GSA). GSA Approval means we are eligible to provide our best-in-class products to government agencies and entities at the federal level.</p> <p>Drone technology on this approved list can now contribute to a broader range of government projects, offering unparalleled efficiency, accuracy, and reliability.</p>	<p>NDAA Compliant means that a product or service has met the strict security requirements set by the National Defense Authorization Act (NDAA).</p> <p>This act is a set of federal laws passed yearly that determines the annual budget that funds the US military and is especially important for drones, because it restricts the US DoD from acquiring drones that are manufactured in, or have components from, certain prohibited foreign countries or companies.</p>
<p>Brands We Carry</p> <p>wingtra INSPIRED FLIGHT Parrot</p>	<p>Brands We Carry*</p> <p>wingtra INSPIRED FLIGHT</p>	<p>Brands We Carry</p> <p>wingtra INSPIRED FLIGHT QUANTUM SYSTEMS</p>

* We also carry other non-UAS products that are GSA Approved including Trimble GPS surveying and mapping equipment, a variety of training courses, as well as survey instrument repair and calibration service.

Our trusted brands, such as Wingtra, Inspired Flight, and Quantum Systems, have earned the respected seal of approval from government authorities. They are an excellent choice whether you’re a government entity or a discerning individual looking for a drone that adheres to the rigorous requirements of the U.S. military.

Reach out to our team for more information on how you can take advantage of our Blue UAS Certified, NDAA Compliant, and GSA Approved brands for your project.

Featured New Products

Trimble® R580 GNSS System



Introducing the Trimble® R580 GNSS System powered by the industry-leading Trimble ProPoint® GNSS positioning engine.

This new rover provides advanced GNSS signal processing so you can maintain RTK-level precision – even in challenging environments – making it perfect for everyday high-accuracy survey or GIS applications. This value-for-money receiver pairs with the latest version of Trimble Access™ field software.

Screening Eagle GM8000 & GS9000



These two impressive new subsurface mapping tools have your Ground Penetrating Radar (GPR) needs covered! Get the data you want– faster – with the new GM8000 modular multichannel GPR mobile mapping system for the subsurface. This tool is perfect for mapping large areas of highways.

The GS9000 is the most efficient multichannel GPR System, providing you with real-time 3D visualization and a map of the underground, literally, as you walk.

Employee Spotlight: Brian Holley



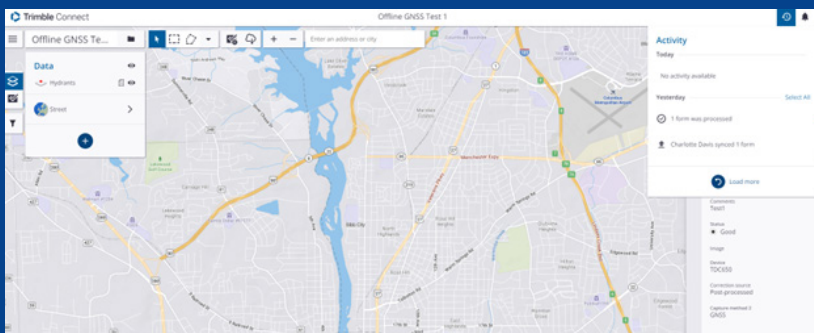
Meet Brian Holley – Brian graduated from University of Georgia’s Warnell School of Forestry in 1995. He has spent 19 of the last 23 years in the Geospatial industry focused on product and application development, sales, distribution, partnerships, and education.

As Director of UAS for Duncan-Parnell, Brian works closely with the sales, support, and operations teams to ensure we are delivering the best customer experience possible. He makes sure our customers have access to the highest quality products, bringing them drone technology that is Blue UAS Certified, NDAA Compliant, and GSA Approved. In addition, Brian works with UAS partners across the globe to provide feedback and ensure we are meeting the needs and expectations of our customers.



TECH TIP

Using Offline GNSS Corrections in the TerraFlex Workflow



The Offline GNSS Corrections capability permits a TerraFlex user to collect data that is corrected automatically 24 hours later in the map workspace. *One must have a TerraFlex Premium License to utilize this feature.*

1. In the Map Viewer Menu of Trimble Connect, choose the hamburger menu and select Positioning
2. While in Positioning, click Offline GNSS, and make sure the switch is toggled ON
3. Open TerraFlex, collect a Form, and allow the data to synchronize to the cloud
4. Open the map workspace and click on the Activity tab to view the data diagnostics of the Offline GNSS Corrected Data 24 hours later



WAVELENGTHS

OVER 20 YEARS OF GEOSPATIAL NEWS / Issue 4 - 2023

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Your Trimble Survey & Mapping Connection
In the Carolinas, DC, DE, FL, GA, MD, TN, VA & WV
duncan-parnell.com

Upcoming Events & Conferences

Our team will be attending the following upcoming event! Stop by the Duncan-Parnell booth to chat with us.

November 26 – 29, 2023FSAWWA (Florida Section of the American Water Works Association)
Championsgate, Florida

For more info on any of our upcoming events, please visit
duncan-parnell.com/events.

SAVE ON YOUR 2023 TAXES WITH SECTION 179 BEFORE TIME RUNS OUT!

Make sure you don't miss out on valuable Section 179 tax benefits this year. Section 179 offers businesses a tax deduction opportunity to recoup – via a 2023 tax benefit – some of the money spent specifically on technology and capital equipment that is purchased and in-service before the end of the year. Reach out to us for further information and discover how you can maximize your savings.

News & Updates

Trimble Perspective Software Version 3.2.2

This release includes the ability to specify the starting station index for new projects, export panorama image positions and orientation parameters, and an option to change station labels from the station marker menu.

Trimble X9 Firmware 1.0.2.0370

This firmware release includes area scan colorization issues, angular measurements value for reports, indoor distortion issue at close range, and image capture improvement.

Trimble RealWorks 12.4.3

This new software version includes the ability to customize the extraction search parameter for black/white targets, fixes for RCP exports, and an update to the tank secondary containment volume calculation.

Trimble Business Center Version 5.90.01

This version fixes a variety of bugs and known issues, and it includes several enhancements including mobile mapping batch export and point cloud exporters.

Trimble Forensics Capture Software Version 3.8.1

This software version allows the automatic syncing of data from multiple sources, including the X9, reducing time in the field and allowing quick export to Trimble Forensics Reveal office software for analysis.