



# Benefits of Working with Us

By working with Bacara, you can access premium technologies including our state-of-the-art LiDAR equipped drone. Bacara's YellowScan VX-20+ is one of the newest and most accurate survey grade LiDAR scanners available on the market today. We can complete your survey faster and more accurately than traditional terrestrial methods. We have a team of licensed engineering and surveying professionals in-house to interpret your data and turn it into something useful.

Bacara also gives you the peace of mind that comes from knowing all your data is secure, as all your data is processed and hosted on our servers. And if you need engineering or construction services, we can help with that too through our sister companies CEC and RP Constructors.

Working with Bacara means you get high-quality data, interpreted for you, in a fraction of the time. By partnering with us, you get access to the two best technologies in the UAV surveying world: highly accurate photogrammetry and LiDAR. Together, these tools are the best of the best. You also receive a certified pilot to fly it over your AOI and licensed land surveyors to interpret the data. Turn that data into usable information and work together with you towards a solution.

## The Problem We Solve

Running a business or tackling a project requires you to make numerous critical decisions. We help you make some of those decisions easier, faster, and with the bottom line in mind. Imagine being able to revolutionize your business with high-quality surface and 3D data delivered to you quickly with unsurpassed accuracy and precision. Now that is a competitive advantage that you do not want to miss.

Traditional land/topographic surveying methods can be time-intensive and often have limitations and restraints. With Bacara, you can get more data interpreted for you at a fraction of traditional terrestrial surveying time and cost.

When you want speed, quality, precision, and accuracy in your project, you hire Bacara.

## Our Technology

Bacara uses several different UAVs (Unmanned Aerial Vehicles), each with a specific capability depending on the client's needs.

Both of our technologies utilize RTK (real-time kinematic) or PPK (post-processed kinematic) GNSS (Global Navigation Satellite System) corrections to ensure exceptionally high levels of survey-grade accuracy.

Having the option to use the right tool for the right job is a vital piece of the project. Bacara is one of the few companies with UAV photogrammetry and LiDAR capabilities housed under one roof, operated by one team. We can do it all.

At Bacara, we challenge the status quo. We've built powerful computers to handle the massive amounts of data we capture with our UAV systems. All of our data processing is completed in-house by our data technicians. Because of this, we have total autonomy of the data from capture to final deliverable. It will not be shared with anyone else unless you ask us to. No one can match this. Take advantage now, or you'll be left behind.

**1**

Our fixed-wing drones can cover vast areas quickly and efficiently. They use photogrammetry to create highly accurate, high-resolution aerial photos and surface models.

**2**

We also use industry-leading LiDAR (Light Detection and Ranging) sensors on heavy-lift UAVs when clients need to see beneath tree canopies and vegetation with high degrees of accuracy.

## Our 3-Step Process



ONSITE REVIEW & FLY



UPLOAD & PROCESS



ANALYZE, PLAN & DELIVER

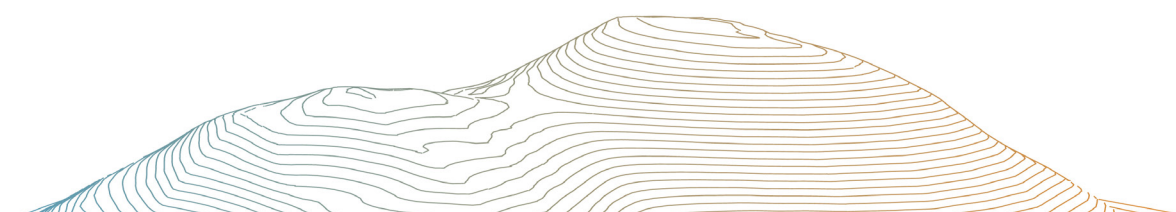
## What it means to Be a Service-Disabled Veteran-Owned Business

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# SUPERIOR VISABILITY, STRONGER DECISIONS

Powerful Photogrammetric and LiDAR 3D Mapping Drone Technology, Captured and Interpreted by  
Licensed Professionals and Experts. A Service-Disabled Veteran-Owned Small Business



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