GPRS

3D LASER SCANNING

STATEMENT OF QUALIFICATIONS

GPRS

TABLE OF CONTENTS

3D LASER SCANNING

- UTILITY LOCATING
- VIDEO PIPE INSPECTION
- LEAK DETECTION
- MAPPING & MODELING
- CONCRETE IMAGING
- 3D LASER SCANNING

/// THE GPRS STORY

Founded in 2001, GPRS Visualizes The Built World™ above and below ground. We are the nation's largest utility locator with Project Managers based in every primary market in the United States. Our services include Utility Locating, Concrete Scanning, Video Pipe Inspection, Leak Detection, and 3D Laser Scanning.

With GPRS, clients can rest assured that our rigorously trained Project Managers using state-of-the-art technology deliver the most accurate information. GPRS leads the industry – providing outstanding service and cutting-edge technology – keeping projects on time, reducing safety risks, and putting relationships with our clients first.

GPRS has completed hundreds of thousands of projects with over a **99.8%** accuracy rating ■

/// THE GPRS VALUE

NATIONWIDE SERVICE
We have team members in every major metropolitan area in the United States, ready to handle any project nationwide.

RAPID RESPONSE
Time is always critical in any construction project. We understand this and have developed our operations so we can be on site within 48 hours.

CONSULTATIVE APPROACH
Our Project Managers are trained to ask questions and provide you with answers. This consultative approach helps us quickly identify your project scope and ensure we provide valuable solutions to keep your job moving.

PROVEN RESULTS
We deploy the best equipment operated by expert Project Managers. Since our inception, GPRS has completed hundreds of thousands of projects in North America with a 99.8%+ accuracy rating.

DID YOU KNOW? 2 MILLION HOURS SCANNING EXPERIENCE

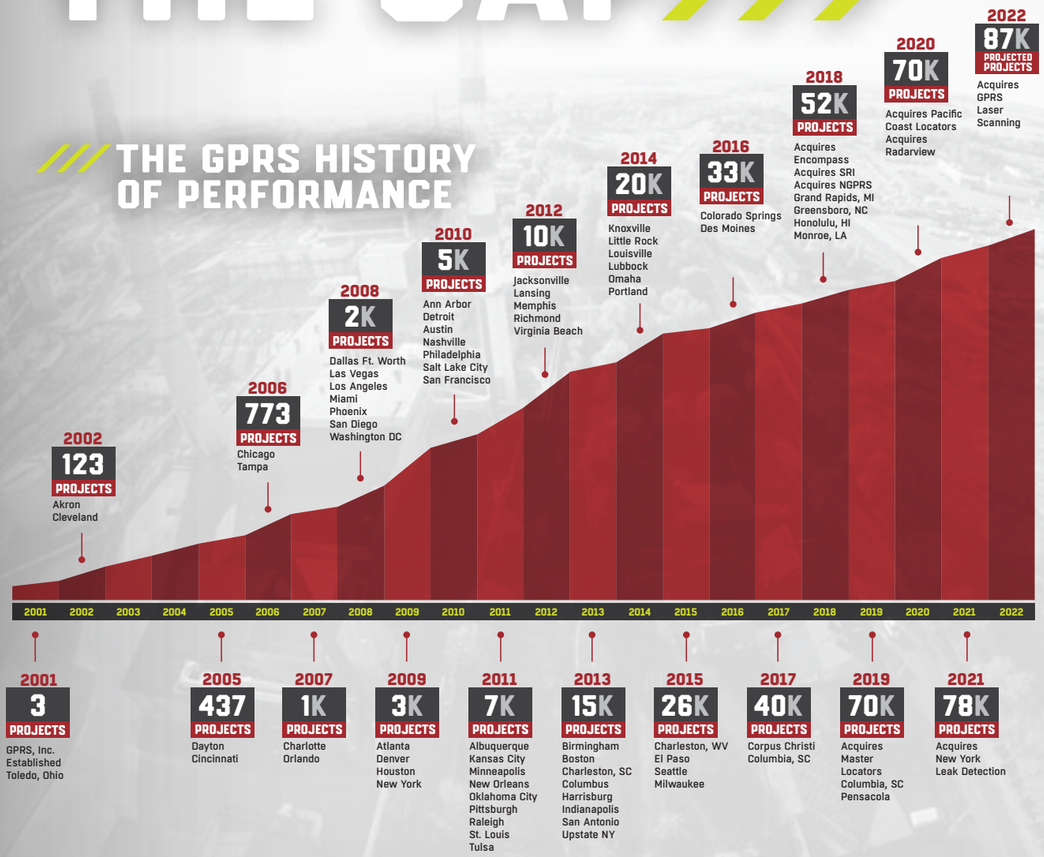
/// PROVEN ACCURACY

Since 2017, we have completed over 300,000 projects with a 99.8% accuracy rate along with a 99%+ approval rating according to our customer satisfaction survey. Historically, nearly 80% of our business is either repeat or referral. GPRS focuses on long-term performance and recognizes that repeatable accuracy will ensure customer satisfaction and business longevity ■

2,000,000 DATA POINTS ACCURATELY CAPTURED IN 2 MINUTES

WIDENING THE GAP

/// THE GPRS HISTORY OF PERFORMANCE



/// THE GPRS NATIONAL FOOTPRINT

Ground Penetrating Radar Systems provides our services throughout all major metropolitan areas in the United States. Our footprint ensures we can offer rapid response to your job sites and projects, often within 24 hours. We have over 300 highly trained personnel that are able to commit to large projects, obscure geographic locations, and unique job site requirements ■

WIDENING THE GAP

Widening the Gap means that we aren't looking to the industry norms to dictate how well we perform. To push the industry forward, we want to widen the gap between our work and the industry standard.

DID YOU KNOW? 1 MILLION HOURS WORKED IN 2021

DID YOU KNOW? GPRS DROVE OVER 8.7 MILLION MILES IN 2021

EVERY DETAIL MATTERS

PLAN CONFIDENTLY

REDUCE CHANGE ORDERS, DELAYS & COSTS

RISK MANAGEMENT

GPRS services reduce the risk for you, your team, and your assets ■

- ACCURATE AS-BUILT DATA
- EXPEDITE PROJECT PLANNING
- REDUCE CHANGE ORDERS
- ELIMINATE BUDGET OVERRUNS
- MAINTAIN PROJECT SCHEDULES
- PROTECT YOUR REPUTATION

INSURANCE COVERAGE

GPRS is prepared to meet the insurance and safety demands of the most rigorous project-specific requirements.

- Commercial general liability insurance policy: 1-million-dollar limit with a 10-million-dollar umbrella policy.
- Coverage includes products and completed operations.
- Commercial policies for Automobile Liability and Workers Compensation.
- Professional/Pollution Liability policy with a 5-million-dollar limit.

LASER FOCUSED SOLUTIONS

WHAT'S UNDERNEATH MATTERS.™

/// TEAM MEMBERS

GPRS is committed to providing opportunities and development for our people, who offer sensational service for our customers. The investment GPRS makes into its team members is rooted in our understanding that each team member is a crucial differentiator in our company's success.

TEAM DEVELOPMENT

Project Managers begin with a 3-month training program that marries classroom teaching and field mentorship. This program continues throughout their career in advanced field training courses. All field personnel are part of an industry-leading promotion track that measures their field accuracy, customer service, and professionalism. We invite them to join the GPRS Leadership Development Program, focusing on personal growth in leadership and business.

TEAM CHARACTERISTICS

The most critical component to our team members' work has always been their character. Each team member exhibits our core values both inside and outside the organization. When you combine personal character, team chemistry, and industry-leading competency, the result is sensational service for our customers.

/// CORE VALUES

INTEGRITY **GROWTH MINDEDNESS** **SAFETY** **MUTUAL RESPECT** **TEAMWORK**

/// PROJECT MANAGERS

AT GPRS, WE REFER TO OUR FIELD TECHNICIANS AS PROJECT MANAGERS. WHY?

START-TO-FINISH PROJECT MANAGEMENT

Our team members can assist your project from the scheduling and site walk phase through the reporting and billing phase. GPRS Project Managers are true professionals that deliver industry-leading customer service.

CLEAR & ACCURATE DATA / DELIVERABLES

3D laser scanning collects existing site conditions in the form of a point cloud, offering a precise digital record of a building or site with 2-4 mm accuracy. Point cloud data is imported into AutoCAD software to create 2D CAD drawings and 3D BIM models.

CLEAR COMMUNICATION

Our team members ask the right questions before arriving on site. While on site, they will do both a pre-job walk and a post-job walk.

A CAREER, NOT A JOB

Our field personnel are not just technicians, this is why we refer to them as Project Managers. They work beside a client through the entire process, providing excellent service. This is their career, their craft, and their trade. The result? An elite service.

WE HAVE 1,200+ YEARS OF FIELD EXPERIENCE

CONSISTENCY
EDUCATION
TRAINING
QUALITY
SAFETY
LEADERSHIP
ACCURACY

STARTS HERE ///

/// THE GPRS ACADEMY

The GPRS Academy leads the industry by providing a structured and comprehensive approach to equipping Project Managers to locate utilities, scan concrete, and 3D laser scan sites. Our trainers give Project Managers the education they need through a classroom setting and a hands-on approach.

EXPERT INSTRUCTION

- GPRS Project Managers are taught by industry experts with decades of field experience.
- Trainees are taught how to interpret complex ground penetrating radar images and collect precise as-built site data.
- All training is conducted through an unparalleled utility locating, concrete imaging and 3D laser scanning academy.

OUR TRAINING FACILITY

- Our Project Managers are thoroughly trained in our state-of-the-art, world-class training facility.
- All PMs are trained on a specially outfitted, 3,000 sq ft concrete slab containing post-tension cables, reinforcements, and conduit.
- Team members also gain real-world experience in a controlled, safe environment with our simulated indoor gas station and elevator shaft.
- Project Managers receive comprehensive training on the workflow for 3D laser scan data collection, processing, registration, and quality control.

PRACTICAL APPLICATION

- Each Project Manager completes up to 3 months of rigorous training.
- This training includes shadowing in the field, executing the scanning process under the supervision of a trainer, and more.
- Our trainees leave the program with a greater than 99.8% subsurface scanning accuracy.

GPRS® ACADEMY

LASER FOCUSED ON YOU:

GENERAL CONTRACTOR

ON TIME

- Accurate construction documents to expedite decisions
- Capture millions of critical data points quickly
- Align planning and coordination for project efficiency

ON BUDGET

- Improve cost estimation and scheduling
- Eliminate site revisits and missed measurements
- Reduce rework costs due to change orders

ENGINEER

QUALITY DESIGN

- Design confidently from precise as-built conditions
- Complete advanced analysis and off-site visualization
- Access tighter dimensions to significantly reduce clashes and unknowns

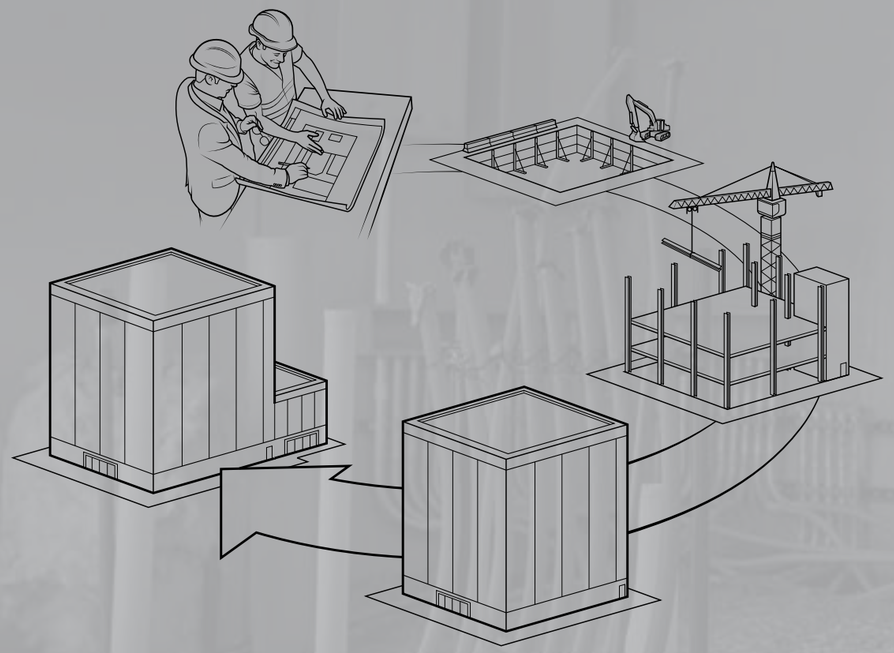
PROTECT YOUR REPUTATION

- Keep your clients' projects safe, on-time and on-budget
- Visualize and plan successful projects with BIM models
- Provide the most accurate, comprehensive data available

INDUSTRIES WE SERVE

- Engineering
- Design Build
- Architecture
- Oil & Gas
- Facilities
- Multimedia & Entertainment
- Historical Preservation
- Stadiums & Theatres
- Education
- Healthcare & Pharmaceutical
- Water & Wastewater
- Energy & Utilities

/// PROJECT CYCLE SOLUTIONS



/// LIFE CYCLE SOLUTIONS

GPRS can provide solutions for the entire life cycle of your projects.

PLANNING DESIGN

We can provide information on as-built site data and underground utilities before plans and development are finalized. GPRS utility locating and 3D laser scanning services supplement existing maps to provide a more complete picture of existing assets, saving time and money ■

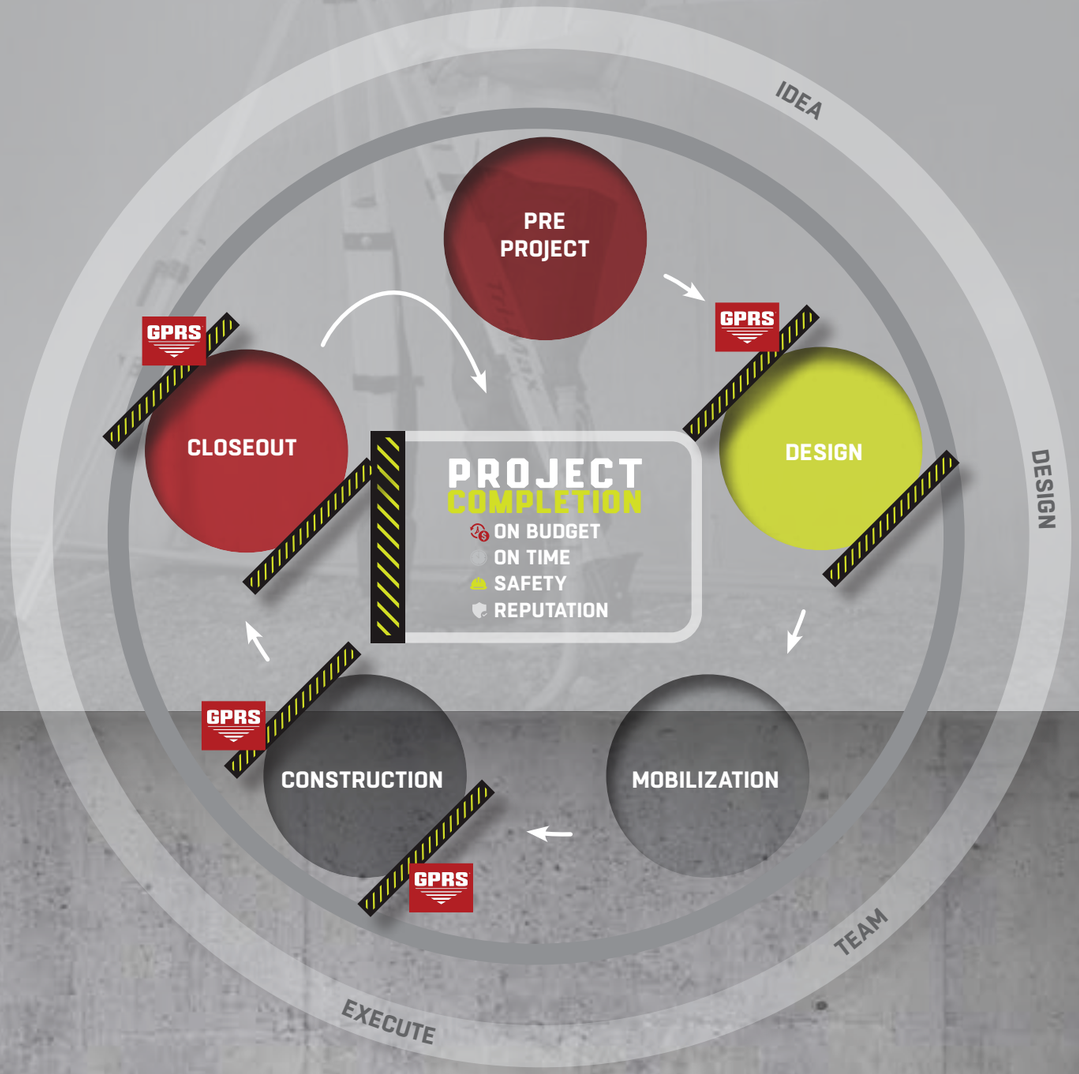
CONSTRUCTION

Prior to trenching, directional drilling, and other excavation work during the construction and renovation of subsurface infrastructure, it's critical to pinpoint underground assets to develop a plan for safe crossing. 3D laser scanning captures exact building dimensions, locations and layout, information that is crucial to the success of your project ■

O&M/REMODEL

Construction and renovations require design modifications and subsurface excavations. GPRS is well equipped to perform laser scans and locates for public and private property assets. As a project evolves, we can continue to provide support as we keep detailed reports of every project we complete ■

/// GPRS PROJECT CYCLE TIMELINE



VIRTUAL WALK THRU

The 3D views will allow your team to tour the site almost as if you were there yourself.

/// GPRS **SERVICES**

3D LASER SCANNING

Time is money. Traditional as-built drawings waste time because they are often inaccurate and out of date, leading to unexpected problems and critical delays. When you choose to use as-builts provided to you by GPRS, you can avoid time-consuming problems and ensure a solution that overcomes the usual as-built challenges. Our 3D Laser Scanning services can provide the link between unknown existing conditions and a true digital twin.

BUILD AT THE SPEED OF *INSIGHT*

REDUCE INACCURATE CONSTRUCTION DOCUMENTS, CHANGE ORDERS & PROJECT DELAYS.

- **AS-BUILT CREATION**
- **CLASH DETECTION/PREFABRICATION**
- **3D BIM MODELING**
- **MIXED REALITY DEVELOPMENT MODELS**

/// **GPRS LASER SCANNING SERVICES**

AS-BUILT CREATION

As-built surveys have never been more accurate than with 3D laser scan technology. 3D laser scanning captures exact building dimensions, locations, and layout: information that is crucial to the success of your project. Items are often moved, added, or removed from the original plan, so as-builts are invaluable in design, construction, renovation, prefabrication, and facility modifications.

> I HAVE USED 3D POINT CLOUDS FOR MANY YEARS. I USE THE RAW POINT CLOUD DATA TO DO MY LAYOUTS ACCURATELY TO THE FIELD CONDITIONS.
>
> MIGUEL SANCHEZ | CAD DESIGNER

CASE STUDY: AS-BUILT CREATION 01

TASK:

3D laser scan a Water Treatment Plant and deliver raw point cloud data.

PROJECT APPLICATION:

An Engineering Firm was generating construction drawings to expand an existing Water Treatment Plant.

PROBLEM

- No as-built drawings existed for the Water Treatment Plant. The firm needed accurate field conditions to create new layouts and plan for the facility expansion.
- Exact dimensions were required to plan modifications and fabricate pipe.
- The Engineering Firm was located in California, the Water Treatment Plant was located in Texas. It was important that they had accurate information digitally to begin design planning.

SOLUTION

- Using a Leica ScanStation, GPRS' Project Manager completed 40 laser scans of the building to capture architectural, structural, and MEP features.
- The client received a colorized point cloud in ReCap (.rcp files and related supporting files) and TruView files.

BENEFITS

- Laser scanning is an extremely efficient and accurate way to gather data necessary to create construction drawings of a building or space.
- 3D laser scanning eliminated the firm's travel to the Water Treatment Plant. In one day on site, enough scans were taken to create a complete colorized point cloud of the space.
- 3D laser scan data provided the Engineering Firm critical tie points on tanks and lines, information that was crucial to the expansion.

/// **GPRS LASER SCANNING SERVICES**

3D BIM MODELING

3D BIM models are accurate digital representations of a building or site to facilitate design, construction, and operational processes. 3D BIM models provide clients with the ability to break down architectural, structural, and MEP building features and see how they fit into a single finalized structure. Users can isolate and alter walls, columns, windows, doors, etc. to support the planning and design needs of any project.

CASE STUDY: 3D LASER SCANNING 02

TASK:

An engineering firm needed to have existing conditions of a power plant documented and modeled to plan for renovations.

PROJECT APPLICATION:

Laser scanning to create an intelligent 3D BIM model would accelerate the engineering of facility upgrades.

PROBLEM

- The client needed to accurately document the existing conditions of the plant without interruptions to the power supply.
- The client required 2-4 mm accuracy of dense piping and pipe runs throughout the facility.
- The client needed to guarantee that installations complied with safety regulations.

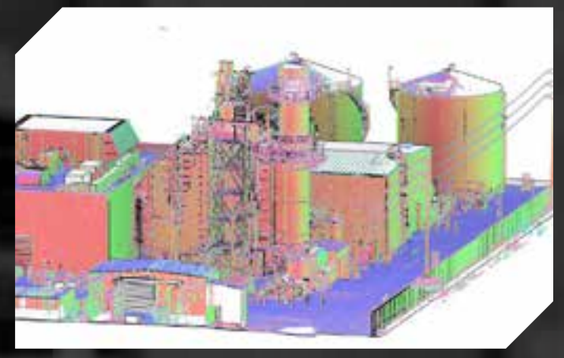
SOLUTION

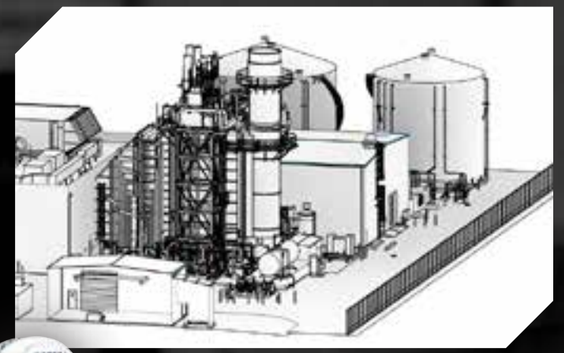
- Where accessibility is difficult and areas are unsafe, 3D laser scanning offers a solution to capture precise as-built data from a distance.
- In one day on site, GPRS' Project Manager used the Leica RTC360 laser scanner to capture 150 laser scans, documenting existing conditions of the facility.
- GPRS generated a 3D BIM model for use in CAD software, including all civil, structural, electrical, and mechanical features, piping, and conduit 1" and larger.

BENEFITS

- Due to the vast space and density of the piping, it would have been much more difficult and time consuming to accurately depict the location of pipe runs, structural features, and other details in the plant manually.
- The point cloud data from laser scanning was used by CAD technicians to create an intelligent 3D BIM model for planning, fabrication and clash-detection.
- Verified measurements and virtual planning guarantee installations will comply with safety regulations.
- Using virtual 3D models, the firm can plan and model future developments to manage the facility without having to re-enter the site.

> "THIS POWER PLANT MUST OPERATE AS EFFICIENTLY AS POSSIBLE. OUR CLIENT CANNOT AFFORD ANY DELAYS OR MALFUNCTIONS, WITH SO MANY PEOPLE DEPENDENT ON THE ENERGY SUPPLY."
>
> CHAN LAM, PE |
> SENIOR EPC PROJECT MANAGER/
> PRINCIPAL MECHANICAL





/// **GPRS LASER SCANNING SERVICES**

CLASH DETECTION/ PREFABRICATION

3D laser scanning captures as-built site conditions with a high level of precision: helping to identify potential clashes, fabricate components, and plan a flawless installation. Information can be shared with other teams to ensure everyone is on the same page and can coordinate their work effectively. This saves time, money and headaches, by preventing costly modifications in the field.

> CONTRACTING GPRS TO DO A 3D LASER SCAN HAS BEEN ONE OF THE BEST PROJECT DECISIONS WE MADE. WITH THEIR HELP WE WERE ABLE TO REDUCE COST, INCREASE PRODUCTIVITY, AND DELIVER THE PROJECT ON TIME.
>
> VINCENT M. | SUPERINTENDENT

CASE STUDY: CLASH DETECTION/PREFABRICATION 03

TASK:

Field verification to prefabricate ACM panels.

PROJECT APPLICATION:

Our client specializes in installing exterior envelope systems for commercial and industrial buildings. On this project, they were installing ACM (Aluminum Composite Material) panels to the canopy of a newly constructed airport terminal.

PROBLEM

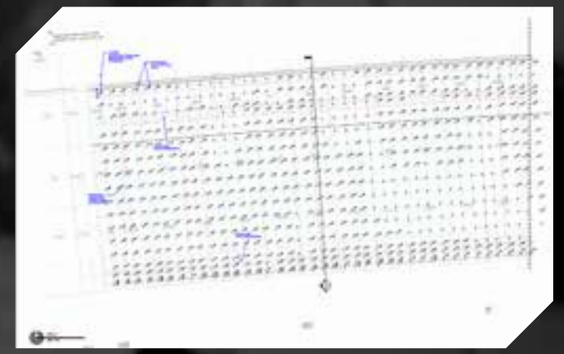
- The construction plans did not match the existing conditions at the site. A deviation could cause a major issue. The installation process needed to be precisely planned to avoid rework.
- The shape of the canopy was complicated and stood 65 feet in the air. The client needed field verification and a plan to expedite proper installation of the panels.
- They were working overhead in a lift. There was no room for trial and error. The client was not interested in hanging panels, discovering issues, and having to take them back down.

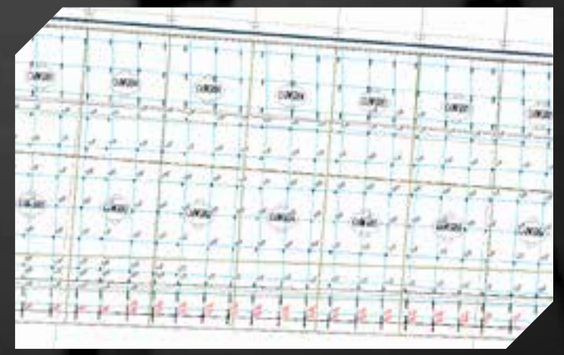
SOLUTION

- The Project Manager conducted a site walk to devise a plan for the client.
- The canopy and curtain wall of an airport terminal were 3D laser scanned to capture precise as-built data and generate a 3D model and 2D drawings to facilitate ACM panel installation.
- 22" x 34" 2D CAD drawings were created with the panel layout for the client to take to the field. The panels were labeled with a custom number and included cut and shim points.

BENEFITS

- Laser scanning obtained exact measurements for the client and took away any guesswork from this project.
- To circumvent the active construction site, the Project Manager scanned the site at night to eliminate movement and trades working.
- The client was able to fabricate components offsite and plan a flawless installation.





/// **GPRS LASER SCANNING SERVICES**

MIXED REALITY DEVELOPMENT MODELS

3D laser scanning can be used to create 3D models and 3D mesh files for use in mixed reality, projection mapping, and 3D gaming. When generating virtual reality experiences, computer-generated objects must precisely interact with the physical environment. 3D laser scan technology documents real-world environments with millimeter precision and GPRS reconstructs them into a dimensionally accurate 3D digital representation. Environments are quickly captured and rendered and prove to be more realistic and more engaging than those produced by traditional hand measurements. Once the environments are in your database, they can be adjusted and modified. Photorealistic assets are delivered in high detail with texture, providing the perfect element for stunning visualization applications.

CASE STUDY: MIXED REALITY 04

TASK:

GPRS 3D laser scanned The Bank of America Stadium and the Gentle Giant panther statue for The Famous Group and the Carolina Panthers to create a mixed-reality experience for the home opening football game vs. the New York Jets.

PROJECT APPLICATION:

Those in attendance at the game were treated to a mixed reality experience that included an enormous virtual panther skulking menacingly throughout The Bank of America Stadium. 70,000 fans watched as the digital feline leaped from the center of the stadium and up onto the Jumbotron. At one point the panther used its teeth to rip down a mixed reality Jets flag before tearing it to shreds on the field.

PROBLEM

- To sell the realism of mixed reality, computer-generated objects must precisely interact with the physical environment.
- As-built information and a 3D model of The Bank of America Stadium did not exist.

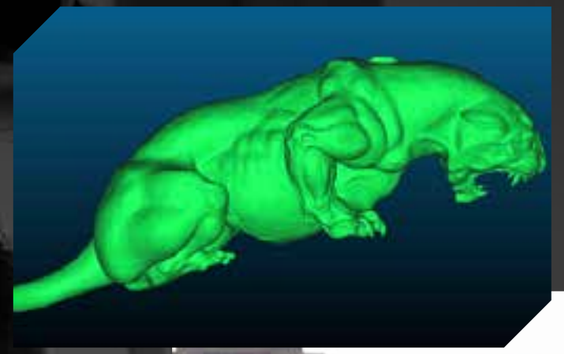
SOLUTION

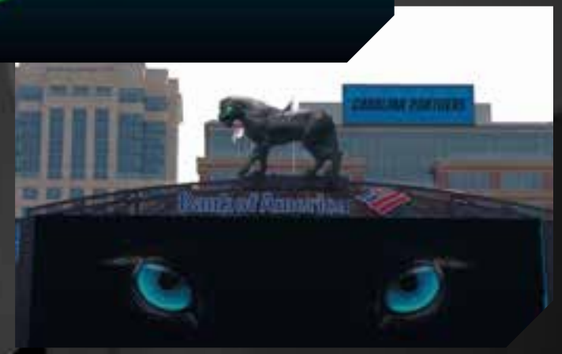
- In 1 ½ days on site, using a Leica P40 ScanStation, point cloud data of the interior field, stadium bowl, seating, and upper rigging area was captured.
- To give the panther virtual objects to climb on and interact with, CAD technicians used the point cloud data to create a Revit 2021 LOD 200 3D model of the stadium.
- The Gentle Giant panther statue at the front of the stadium was 3D laser scanned to create a triangulated 3D mesh model in .fbx file format for the animation/CGI.

BENEFITS

- 3D laser scanning is a fast and accurate way to digitize real-world objects for use in computer-aided design (CAD) and mixed reality.
- 3D models are created in our corporate office by experienced engineers and CAD technicians.

> THE BEAUTY OF MIXED REALITY IS THE ABILITY OF COMPUTER-GENERATED OBJECTS TO INTERACT WITH THE PHYSICAL ENVIRONMENT, THIS SELLS THE REALISM. TO ACHIEVE THIS, PARTS OF THE STADIUM WERE CAPTURED WITH A LASER-SCANNING TECHNIQUE. WE SCANNED WHERE THE GOAL POST WAS, WHERE THE FIELD WAS, THE VERTICAL BOARDS AND BROUGHT THAT INTO A COMPUTER.
>
> GREG HARVEY | THE FAMOUS GROUP





COMPLIMENTARY KMZ & PDF MAPS WITH EVERY UTILITY LOCATE

COMPLIMENTARY ACCESS TO SITEMAP® POWERED BY GPRS

READY TO PUT YOUR NEXT PROJECT ON THE MAP?

VISUALIZE YOUR SUCCESS WITH GPRS.

/// GPRS SERVICES

MAPPING & MODELING

GPRS can increase the level of communication and safety on your project by providing clear and understandable maps. GPRS provides complimentary KMZ and PDF maps with every utility locate. When you upgrade to Premier Maps and Models created by the **The GPRS Mapping & Modeling Team,** you are showing your commitment to keep your project safe, on-time and on-budget.

MAPS (2D)

MAPS PLUS™
- Site Plan
- Floor Plan

MAPS PREMIER™
- Hi-Res Site Plan
- Floor Plan with Linework

MAPS PREMIER™
- Hi-Res Site Plan
- Floor Plan with Linework

MODELS (3D)

MODELS PLUS™
- Virtual Tour
- Point Cloud
- Mesh Files

MODELS PREMIER™
- 3D Model

MODELS PREMIER™
- 3D BIM Model
- Mixed Reality Development Models
- Advanced Analysis

SITEMAP® POWERED BY GPRS

CLOUD-BASED INFRASTRUCTURE MAPPING SOLUTION

MAP VIEWER DIGITAL PLAN ROOM

DID YOU KNOW? GPRS WORKS FOR 96% OF THE ENR TOP 50 CONTRACTORS

VISUALIZING THE BUILT WORLD™

ABOVE AND BELOW GROUND

GPRS' MISSION IS TO
VISUALIZE THE BUILT WORLD™
BY BECOMING **THE INDUSTRY LEADER**
IN SCANNING SERVICES, BOTH **ABOVE AND BELOW GROUND.**

/// **GPRS LASER SCANNING SERVICES**

ABOVE AND BELOW GROUND DATA CAPTURE

The combination of laser scanning and ground penetrating radar captures precise documentation of above ground existing conditions and subsurface information. Receive clear and understandable findings of structural, MEP, and field markings in point cloud data format, 2D site plans, and 3D models. Accurate data allows clients to expedite design planning, extract 3D coordinates and measure distances, along with the ability to mark-up and share this with project teams. Receiving critical site information will lower project risks and increase project efficiency.

> “AS-BUILT DOCUMENTATION OF THE HIGH SCHOOL CAMPUS AND GPR MARKINGS CAN BE CAPTURED QUICKLY AND ACCURATELY TO PLAN FOR HVAC SYSTEM UPGRADES.
>
> CHRIS SANFORD |
> BUSINESS DEVELOPMENT MANAGER, GPRS

CASE STUDY: 05
ABOVE AND BELOW GROUND DATA CAPTURE

TASK:

A Los Angeles, California high school required 3D laser scanning of the above ground and below ground infrastructure to create 2D CAD drawings and plan for HVAC system upgrades throughout the campus.

PROJECT APPLICATION:

The client required precise documentation of the surrounding structural elements and subsurface so they could design piping, reinforcing, and coring in the least invasive way.

PROBLEM

- A 12-year-old high school was replacing the piping on 16 HVAC units throughout the campus.
- The piping for these units runs intricately in and out of buildings, and through retaining walls and mechanical yards.
- The areas that the pipes thread through do not have any as-builts or existing plans.

SOLUTION

- Using the Leica RTC360 laser scanner, a Project Manager captured elements of the surrounding campus and GPR markings in less than 2 hours on site.
- This project was laser scanned in full color, allowing the client to easily visualize and identify structural elements, pipes, conduits, and concrete reinforcement points inside the point cloud.
- CAD engineers created 2D AutoCAD floor plans and exterior elevations, PDFs with and without the point cloud overlayed.

BENEFITS

- The combination of laser scanning structural and ground penetrating radar markings provided the client a high-definition 3D comprehensive view of the campus, including both visible and invisible elements.
- With 3D laser scan data, the client can verify the HVAC mechanical equipment with confidence knowing high accuracy instruments minimize position error throughout the 3D space.
- The client has the most up-to-date, accurate and comprehensive information to design HVAC upgrades.

/// **GPRS SERVICES**

UTILITY LOCATING

Utility detection is critical to any construction project where subsurface excavation is planned to ensure the overall timely success of your project. To achieve a comprehensive and safe utility locate, a private utility locator must be utilized to mark buried facilities on private property. The use of proper training, multiple technologies, and a field-tested methodology are essential to properly locating all site utilities.

- **PRIVATE PROPERTY LOCATING**
- **DRILLING & BORING CLEARANCE**
- **FACILITY MAPPING**
- **ONE-CALL UTILITY LOCATING**

GPRS exceeds industry performance when it comes to the accuracy of our utility locating. Our team of Project Managers can continue the support of your project by creating a one-call program for when your project transitions to the O&M phase.

> “GPRS HAS SHOWN A DEDICATION TO THEIR CRAFT, AN IMPRESSIVE WORK ETHIC, AND MOST IMPORTANTLY, EXCEPTIONAL COMMUNICATION SKILLS.
>
> DAVE HAZEL | ENERGY RENEWAL PARTNERS

DID YOU KNOW? **COMPLETED 50,000+ UTILITY PROJECTS IN 2021**

/// **GPRS SERVICES**

VIDEO PIPE INSPECTION

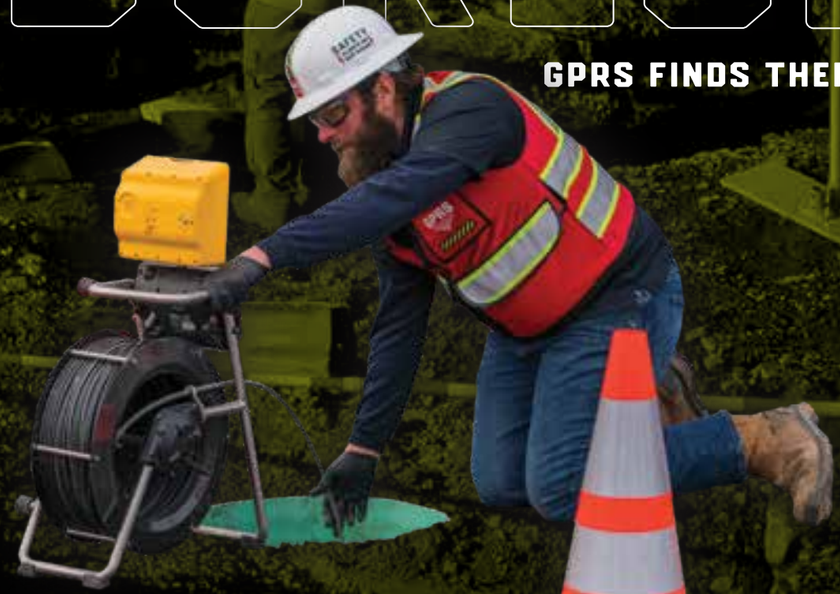
Video Pipe Inspection (CCTV) is a sewer inspection service using industry-leading video cameras to prevent problems by inspecting underground water, sewer lines, and lateral pipelines. Our NASSCO certified technicians can locate clogs, investigate cross bores, find structural faults and damages, and conduct lateral sewer line inspections.

> "YOUR TEAM WAS UNBELIEVABLY HELPFUL AND RESPONSIVE. EVERY TIME THAT WE REQUEST GPRS VIDEO PIPE SERVICES, YOU TAKE CARE OF BUSINESS.
>
> JORGE RABANAL | SWINERTON

BREAKS, DEFECTS & CROSS BORES.

GPRS FINDS THEM.

- CCTV PIPE INSPECTIONS
- CROSS BORE MITIGATION
- MAINLINE INSPECTIONS
- LATERAL INSPECTIONS
- MANHOLE INSPECTIONS
- UTILITY LOCATING



DID YOU KNOW? GPRS WORKS FOR **96%** OF THE ENR TOP 100 CONTRACTORS

/// **GPRS SERVICES**

LEAK DETECTION

GPRS specializes in all types of leak detection, including municipal, industrial, and residential. Our water loss specialists have the equipment to locate your leak and the expertise to provide many other insights into your water distribution system. GPRS does this by utilizing a variety of equipment paired with their industry-leading SIM process. The equipment and methods used include acoustic leak detectors, leak noise correlators, video pipe inspection, ground penetrating radar, and electromagnetic locating, among others.

ROUTINE WATER LOSS INSPECTIONS

ACOUSTIC LEAK DETECTION

> “THE GPRS LEAK DETECTION TEAM SAVED THE DAY WHEN THEY IDENTIFIED AN UNDERGROUND WATER LEAK THAT WE COULDN’T LOCATE. THEIR EXPERT TEAM PINPOINTED THE LEAK QUICKLY SO WE COULD MAKE VITAL NECESSARY REPAIRS.
>
> CRAIG ORLOWSKI | INSITE REAL ESTATE, LLC.

SUBSURFACE LEAKS HAPPEN.

GPRS FINDS THEM.

/// GPRS SERVICES

CONCRETE IMAGING

Because concrete drilling comes with risk, GPRS Project Managers are equipped with multiple technologies to clear areas before core drilling and anchoring. Our scanning and imaging services can be completed on any surface, including concrete slabs, walls, columns, and beams. Upon completing the scanning process, you will have a clear layout of critical targets or impediments such as post-tension cables, rebar, beams, and conduits.

- CONCRETE CORING APPLICATIONS
- PRE-PLANNING AND DESIGN
- SAW CUTTING APPLICATIONS
- STRUCTURAL ANALYSIS

WHAT'S HIDDEN IN YOUR CONCRETE?

GPRS FINDS IT.

When GPRS places a GREEN BOX within a layout prior to cutting or coring concrete, we guarantee that area to be FREE OF OBSTRUCTIONS

DID YOU KNOW? WE COMPLETED 25,000+ CONCRETE PROJECTS IN 2021

VIEW YOUR INFRASTRUCTURE WITH SITEMAP.

SITEMAP®

POWERED BY GPRS

SiteMap is a singular subsurface infrastructure mapping solution that allows users to experience their facility data with ease. SiteMap provides map data, subsurface utility information, and a common repository for facility artifacts. This geospatial solution also acts as an all-inclusive digital storage space for blueprints, as-built drawings, maintenance logs, permits, and more. The beauty of SiteMap is that it can geolocate every piece of information so the content can be located and cross-referenced on demand. SiteMap simplifies facility management by providing its users with a powerful all-in-one solution.

ORGANIZATION SIMPLIFIED

It's common for subsurface infrastructure data to be fragmented. SiteMap alleviates the obstacles that hinder effective organization, such as:

- DRAWINGS BEING STORED IN MULTIPLE PLACES
- MAINTAINING OUTDATED AS-BUILT DRAWINGS
- RETAINING PARTIAL OR INCOMPLETE SITE DATA

DIGITAL PLAN ROOM

The Digital Plan Room acts as the central repository for facility documents. These documents are directly viewable in the Map Viewer when appropriately tagged with the location information. The Digital Plan Room is a secure space to store essential and relevant facility documents.

- FILE STORAGE
- HISTORICAL DRAWINGS
- SITE PHOTOS
- DRONE FOOTAGE
- DIGITIZED BLUEPRINTS

MAP VIEWER

The Map Viewer makes viewing facility data easy as it allows the user to attach locational data to specific uploaded documents. This feature enables facility managers to track and locationally designate documents for reference quickly. Additionally, this makes sharing and updating location documentation a more fluid experience.

- VIEWABLE, SEARCHABLE MAPS
- 3D MODELING VIEWER
- TAG SITE FEATURES TO MAPS

ORGANIZE YOUR ASSETS

- ACCURATELY MAPPED
- DIGITALLY STORED
- EASILY ACCESSIBLE

VIEW SITEMAP IN YOUR OFFICE OR ON YOUR MOBILE DEVICE

TAKE THE **NEXT STEP** TO KEEP YOUR INFRASTRUCTURE SAFE. **CONTACT US TODAY. WWW.SITEMAP.COM**

BEYOND BUSINESS AS USUAL

GPRS CUSTOM SERVICE PLANS

Rather than send a rigid rate sheet to prospective clients, GPRS can create a customized service plan. We consider our industry experience, national footprint, and operational/scheduling capacity to craft a customized plan just for you.

SCHEDULING
With one single point of contact for your company, GPRS can schedule utility locating, video pipe inspection, and concrete scanning, and laser scanning projects for your site with one call.

PRICING
GPRS understands that clear, understandable, and consistent pricing is a big deal. While we can provide consistent pricing nationwide, we can craft a cost structure that makes sense for the scope of work.

APPROACH
Every campus, site, and facility have different challenges. Since our inception, GPRS has completed hundreds of thousands of projects and relies on that experience when crafting a site-specific plan for safety, scanning, and reporting.

GPRS PARTNERSHIP PLUS™

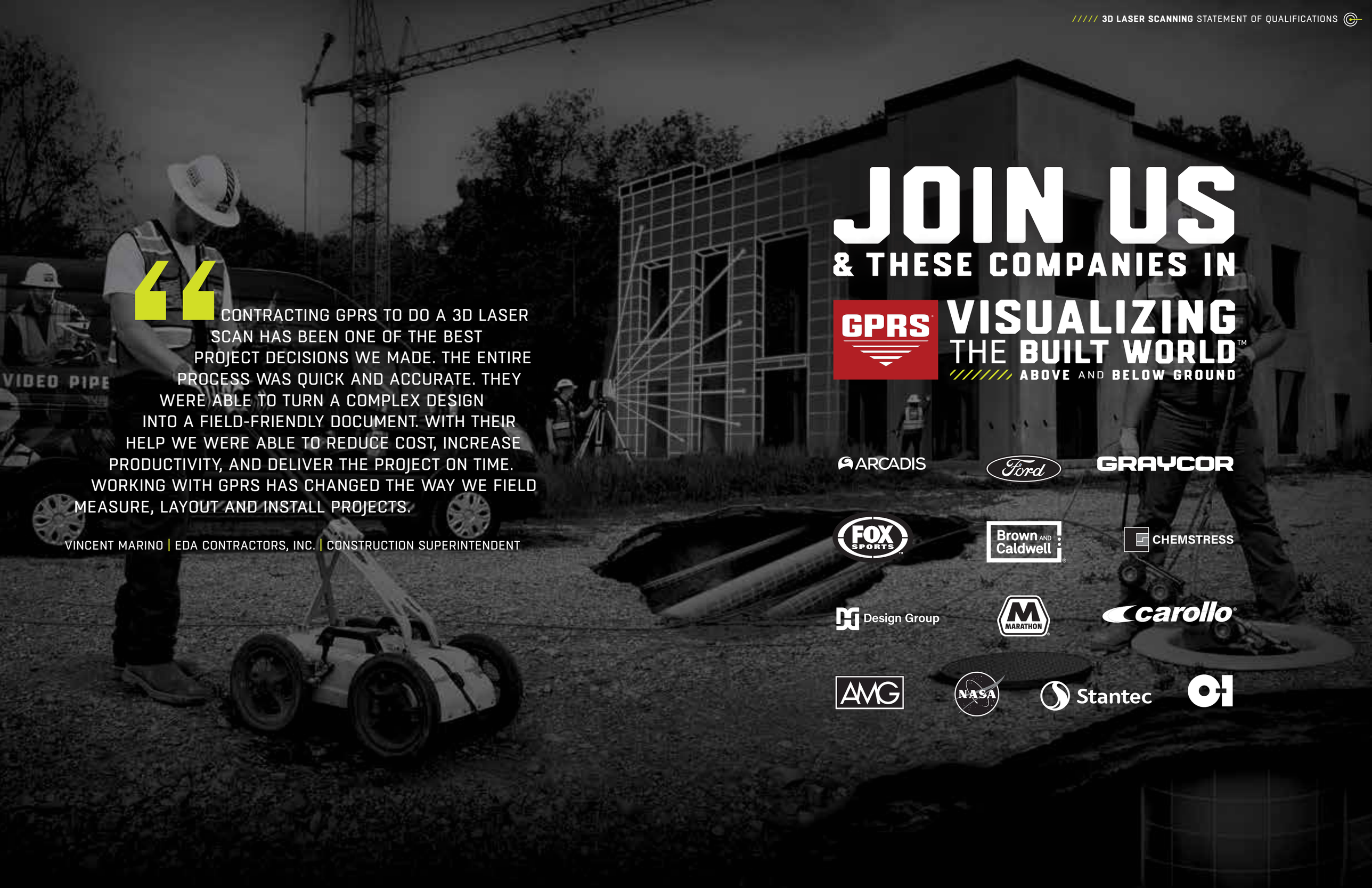
We're excited to unveil our latest service program, **GPRS Partnership Plus™.**

GPRS Partnership Plus is an exclusive service agreement and is only available to our most valuable clients. You'll receive premium benefits and services when choosing GPRS Partnership Plus.

Join us in the pursuit of 100% subsurface damage prevention.

THE RIGHT CHOICE FOR SAFETY

DID YOU KNOW? GPRS WORKS FOR **92%** OF THE ENR TOP 50 CONTRACTORS



> CONTRACTING GPRS TO DO A 3D LASER SCAN HAS BEEN ONE OF THE BEST PROJECT DECISIONS WE MADE. THE ENTIRE PROCESS WAS QUICK AND ACCURATE. THEY WERE ABLE TO TURN A COMPLEX DESIGN INTO A FIELD-FRIENDLY DOCUMENT. WITH THEIR HELP WE WERE ABLE TO REDUCE COST, INCREASE PRODUCTIVITY, AND DELIVER THE PROJECT ON TIME. WORKING WITH GPRS HAS CHANGED THE WAY WE FIELD MEASURE, LAYOUT AND INSTALL PROJECTS.

VINCENT MARINO | EDA CONTRACTORS, INC. | CONSTRUCTION SUPERINTENDENT

JOIN US
& THESE COMPANIES IN

GPRS

VISUALIZING THE BUILT WORLD™

////// ABOVE AND BELOW GROUND

ARCADIS · Ford · GRAYCOR

FOX SPORTS · Brown AND Caldwell · CHEMSTRESS

Design Group · MARATHON · carollo

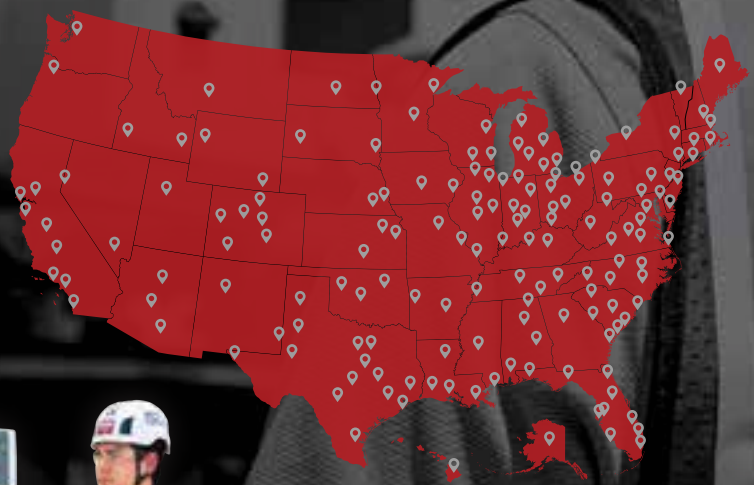
AMG · NASA · Stantec · OHL

LET'S GET TO WORK

SCHEDULE A PROJECT

GPRS has an unmatched nationwide service network making it easy to find an expert Project Manager in your area. Please contact your local GPRS Project Manager for information, pricing, and scheduling needs.

NATIONWIDE COVERAGE



SCAN TO FIND A PROJECT MANAGER NEAR YOU

GPRS

MAKE SCHEDULING EASIER WITH **THE GPRS APP**.
GET IT HERE:

Download on the App Store | GET IT ON Google Play