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# SCANNING TOTAL STATION SERVICES



**RENOVATIO**  
SOLUTION GROUP



**Renovatio Solution Group, LLC.** (RSG) is a company established and incorporated under the Laws of the Commonwealth of Puerto Rico (registration number # 338527). RSG is integrated in the solid waste industry in Puerto Rico, offering design and construction of compound coating system for new cells, passive and active gas collection systems, runoff water management construction, leachate collection system, Waterproofing system for closing of Sanitary Landfill System and service of Photogrammetry 3D Scanner for commercial, governmental and industrial projects.

In recent years it has been involved in environmental remediation planning and development in various fields. We bring complete solutions as development, commission of specialized design, commission of specialized materials for solutions to environmental problem in aerial and sensitive sectors.







# OUR SERVICE, EXPERIENCE & COMMITMENT



## Division of Environmental Management

We provide specialized services in the environmental remediation solution. We are able to plan and develop complex projects, collaborating with our clients in the pursuit of meeting the goals in a way that is cost effective. Our solutions integrate evaluation, studies, planning, complying with environmental and state regulations and laws, commission of engineers and designers, commission of products and specialized materials (AgruAmerica) and installation. We have 26 years of experience in Landfill System, fuel industry, land erosion projects, among others.



## Servicios de información geográfica

We have the unique technology in its class, which performs photogrammetry and scan of buildings, land and facilities. This technology provides the best image, volume, shape, three-dimensional (3D) topography of the area. This powerful tool gives us a competitive advantage in data collection, conceptualization, design and final surface solution.



## Specialized products and materials

We have the tools and technologies to meet the pressing challenges of environmental remediation and specialized construction projects.



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**Full Total Station Services**  
plus a **high-precision scanner**  
in one revolutionary machine.



**High-speed 3D scanning**

**Redefine an entire industry**

**Surveying & Imaging**





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## Scanning Total Station Service

The scanning redefines the capabilities of everyday survey equipment by providing the world's most innovative solution for surveying, engineering, and scanning professionals. This innovative and versatile solution allows users to collect any combination of high-density 3D scan data, enhanced Vision imaging, and high-accuracy total station measurements, allowing you to capture exactly what you need.

## Topographic Survey/General Surveys

### Boundary/Land Title Surveys

Use a combination of high-accuracy surveying and high-speed scanning to quickly document all the features of your land title survey including location of boundaries, buildings, easements and site improvements.

## Roadway/Corridor Surveys

### Roadway design and Topo

Improve safety and reduce costs by scanning road corridors and intersection details such as roadway surfaces, overhead power lines and lane striping without putting the surveyor in harm's way and all while minimizing the need for road closures. Capture critical measurements such as flow-lines, manholes, and right-of-way monumentation with prism observations.



# Scanning Total Station Service

## Volumetric Surveys

Quickly scan stockpiles, gravel pits or excavation areas, and deliver rough volumes directly in the field. Use combined scan and survey data to validate cut and fill to design or construction subgrades with speed and confidence.

## Infrastructure Surveys

Civil Infrastructure Asbuilts

Capture rich, accurate and complete geometrical/visual documentation of critical infrastructure such as bridges, dams, tunnels, complex structures and more for as-builts, clearance, deformation monitoring and retrofit design.

## Building As-Built and Design Surveys

With unique and instant combination of survey data, dense scan data and multiple resolution imagery, you can be confident that you'll capture even the smallest details for your as-built models.



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## CONTACT INFORMATION

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