

TOPO SERVICES



ARCAD INGÉNIERIE



Two companies to cover all your needs in topography and 3d digitization

TOPO Services and ARCAD Ingénierie work in synergy and combine their expertises to assist you in all types of topographical surveys and digitization projects.

Whether we're talking about traditional topographic surveying, georeferencing, network detection, 3D scanning, or photogrammetry, we are professionals who are ready to discuss your needs and find the most appropriate tools to best meet your mission, in Reunion Island, Mayotte and throughout the Indian Ocean.

TOPO SERVICES

Topo Services is a local surveying firm based in Reunion Island. Based in St Pierre and founded in 2003, the company is well-known throughout Reunion Island and across the Indian Ocean for its many years of experience and know-how : it provides its expertise in numerous fields such as topographical and architectural surveys, photogrammetry, aerial mapping, construction monitoring, structures inspection, topographical expertise, georeferencing and network detection.

ARCAD INGÉNIERIE

ARCAD Ingénierie is a consulting company specialized in 3d scanning and analysis. Based in Reunion Island, we provide our services all across the Indian Ocean. Founded in 2012, the company provided at first its 3D scanning services mostly to companies working in architecture, structure building, archeology, preservation of cultural and natural heritage and consulting offices, by the use of 3D laser scanners.

Since 2017, our company is now equipped with a complete LiDAR system with dynamic acquisition for large areas such as gullies, cliffs and dangerous or inaccessible areas. With this technology we can extract vegetation from the natural terrain and classify buildings or ground for creating a digital elevation model.

OUR SERVICES

TOPOGRAPHY

Core of our business, the purpose of topography is to put on plan every objects and structures present on a land. Underground networks are also represented on plans thanks to network detection and georeferencing.

PHOTOGRAMMETRY

Photogrammetry allows the representation on a plan of all informations gathered by a photo sensor installed under a drone or helicopter.

3D SCANNING

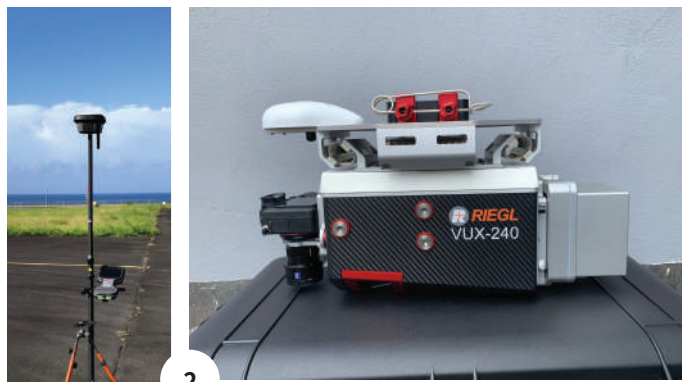
The virtual representation of reality in the form of a point cloud opens up many perspectives in multiple domains. The 3D representation of objects provides a guarantee for the realization of a project.

EXPERTISE

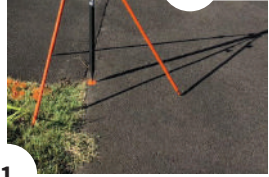
The art of proving and demonstrating through technology is our daily work.

OUR EQUIPMENT

The equipment provided to our teams is regularly renewed. Special attention is paid to the surveyors tools upgrade to best meet the needs of our clients.



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1 5 GPS systems

Equipment for recording points in current coordinate systems.

2 1 Lidar system (VUX240 + AP60)

A dynamic 3D scanning device mounted on an aircraft (Ultralight Aircraft - Helicopter) for mapping large urbanized or non-urbanized areas.

3 3 DJI drones

A DJI M600 and LiDAR AL3-32 system, dynamic 3D scanning device for mapping smaller non-urbanized areas and a Mavic 2 and a Phantom 3 Pro for photogrammetric surveys.

4 2 3D laser scanners lasers

Static 3D scanning devices used in building, civil engineering, and factory digitization.

5 5 Leica theodolites (TS15 and MS50 1')

High-precision equipment used in surveys and structure monitoring.

6 Network detection equipment

A ground-penetrating radar and two electromagnetic detectors used to detect underground networks with the purpose of creating a map of Class A networks.



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