#### **TERIA** at the core of GNSS innovation

High Accuracy at the service of the Surveyor







#### **ABOUT**

The TERIA network was initiated in France in 2005 by the Order of Surveyors, with the ambition of providing the profession with a real-time geolocation tool with centimetric accuracy to harmonize the production of topographic and land data.

This high level of performance, certified ISO 9001 and 14001, has attracted the interest of all geolocation players.

The TERIA service has naturally expanded to the fields of transportation, aeronautics, defense, health, personal tracking, sports and leisure, precision agriculture, industrial robotics, smart cities and environmental research.

Today, it is already a powerful tool for the needs of augmented reality and artificial intelligence.

TERIA has always promoted excellence and is now committed to open and collaborative long-term partnerships, thus creating a strong link at the heart of innovation.

Its ambition is to offer a worldwide Expert Service with a very high level of performance and integrity.

It is fully committed to the "société à mission", with the aim of combining the search for economic performance with a contribution to the general interest.



#### Our evolution



2005 Creation of the EXAGONE company for the installation and management of the TERIA network



2016 First tests on autonomous shuttles



2020 Launch of TERIA Terminal



2007 National distribution of the TERIA Network

2017-2018 Extension of the

Reunion

TERIA Network to Mayotte and

2021 Creation of a subsidiary

and installation of the TERIA

Network in Mauritius



2008 Densification of the network and extension in Europe



2018 First equipment with **TERIAsat** 



2021 Official launch and distribution of PYX



2012 The Network becomes Full GNSS - First collaboration with **AIRBUS** 



2019 European research programs with GSA and ESA



2019 Launch of the TERIA Antilles-Guyane Network



2021 Start of the "Société à mission" approach



ISO 9001=ISO 14001





#### Our values













#### Our assets



High-performance, permanent and precision services



Certified quality ISO 9001-14001



Respect for the environment



Cutting-edge technology



#### SOCIÉTÉ À MISSION

#### A CHALLENGING MODEL FOR EXCELLENCE



Finding one's raison d'être requires deep, sincere and relevant reflection on oneself and on the world around one. It is with this philosophy in mind that EXAGONE has built its mission model.

The three operational areas in which the company has been active since its creation served as the basis for the development of the model.



#### TERIA, a company engaged since its foundation

At the crossroads, social and environmental objectives naturally emerge in perfect harmony with the professional activity:

- Organisation of events and consultations on citizen and managerial innovation;
- Carrying out operational missions to transform organisations with an impact on human relations, the well-being of people and/or the environment;
- Carrying out operational missions in support of actions with a social or environmental impact.



#### Strong and long-term commitments in various domains

#### **SCIENTIFIQUE** TERIA feeds the RGP and participates in

scientific measurement expeditions with experts from the industry.

#### **ENVIRONNEMENT**

TERIA is committed to the preservation of of endangered marine species (whale sharks, sperm whales).

#### **GRANDES ECOLES**

TERIA supports young students throughout their academic career through various events.

#### SPORT

TERIA supports the athletes competing in the PARIS 2024 Olympic Games





Who is it for?



AUGMENTED REALITY



PUBLIC WORKS

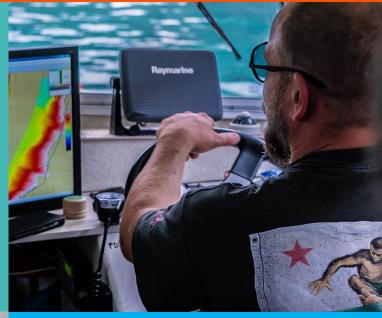


ELECTRO MOBILITY

Who is it for ?



IOT



REAL-TIME DRONES



**BATHYMETRY** 



Who is it for?



**AUTONOMOUS SHUTTLES** 



PUBLIC TRANSPORT



**AERONAUTICS** 



## ISO 9001-14001 Certification

## **ALL SERVICES ARE CERTIFIED:**

- Administration
- Maintenance
- O Distribution
- Assistance
- Consulting



DNV·GI

#### CERTIFICAT DE SYSTEME DE MANAGEMENT

Certificat Nº:/Certificate no.: 171306-2015-AE-FR A-COFR AC I Ce certificat est valable de Initial certification date: Dates de validité:/Valid: 10 février 2021 - 09 février 2024

Ceci certifie que le système de management de la société/ This is to certify that the management system of

#### **EXAGONE TERIA**

29 Rue Eugène Derrien - 94400 VITRY SUR SEINE - France

a été jugé conforme à la norme de Système de Management de l'Environnement / has been found to conform to the Environmental Management System standard:

#### ISO 14001:2015

La validité de ce certificat couvre les produits ou services suivants: Gestion du réseau GNSS temps réel centimétrique TERIA, maintenance, commercialisation, assistance et conseil.

This certificate is valid for the following scope:

Management and operation of accurate real time GNSS TERIA network, marketing, assistance and consulting.

Lieu et date:/ Place and date: Genas, 01 février 2021





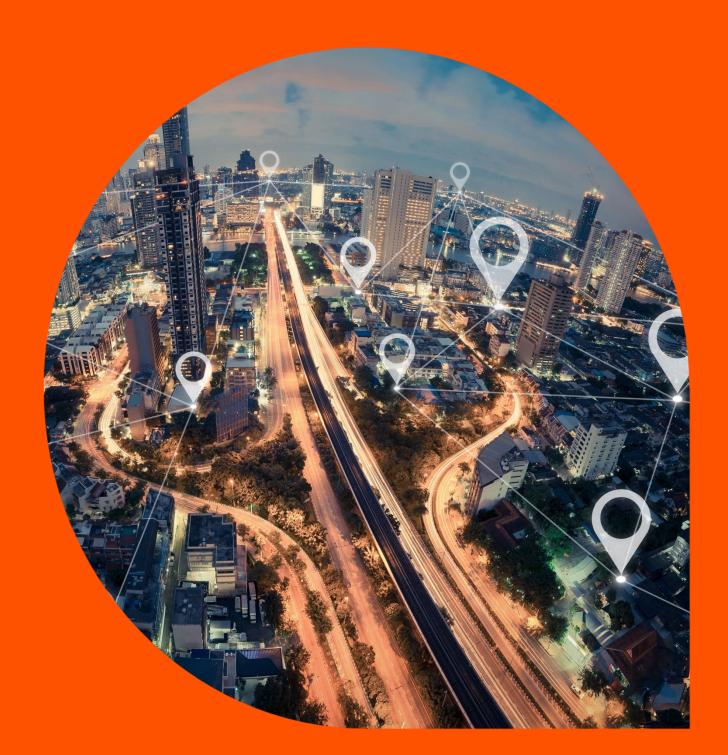
Pour l'organisme de certification:/ For the issuing office: DNV GL - Business Assurance Parc Everest, 54 Rue Marcel Dassault, 69740 Genas, France



Estelle Mailler Représentante de la Direction

Le non-respect des conditions énoncées dans l'accord de certification pouvent rendre ce certificat invalide./ Lack of fulfilment of conditions a set out in the Certification Agrenment may rendre this Certificate invalid, Organisme accrédité. DNY CLI Sustiness Assurance France, Parc Evenst, 54 Rue Marcell Dessault, 69740 Genes, Franci Filt. 1-33.4 76 90 0.914.0 d/mg/l/assurance.





A wide range of services adapted to the needs of customers according to their field of activity:

TERIA the NRTK service available via the Internet;

**TERIAsat**, the 100% **GNSS** satellite solution

**TERIAmove** dedicated to mobile applications.

In addition, customized support with project management assistance and a consulting service are also offered.

Customized training is provided by our technical teams.









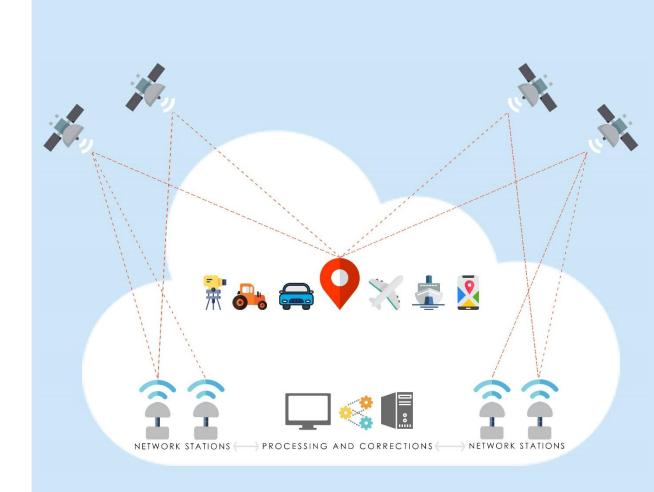
## teria

TERIA is a service to increase the accuracy of satellite geolocation.

The service collects and modelling the satellite data bias (orbits, clocks, troposphere, ionosphere...).

The user connects his GNSS receiver to the service's server center and receives in return corrections to improve his own geolocation and access centimetric accuracy in real time.

The corrections are available via Internet, **24/7**.





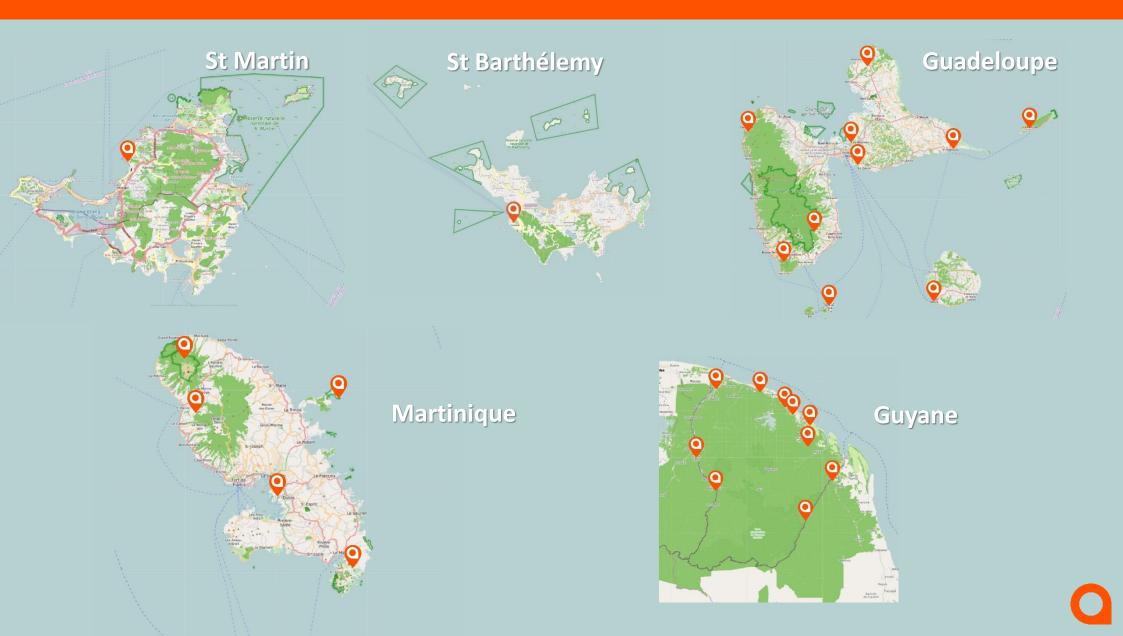
### A European coverage

New commercial zone operational





#### French overseas territories



### French overseas territories





#### Mauritius island

Creation of the first subsidiary



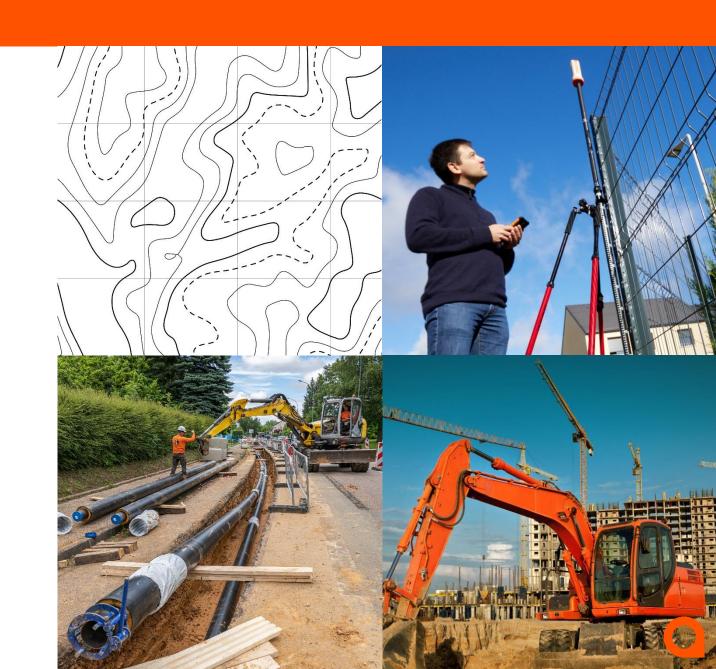


## teria

## Various applications

Topographic referencing

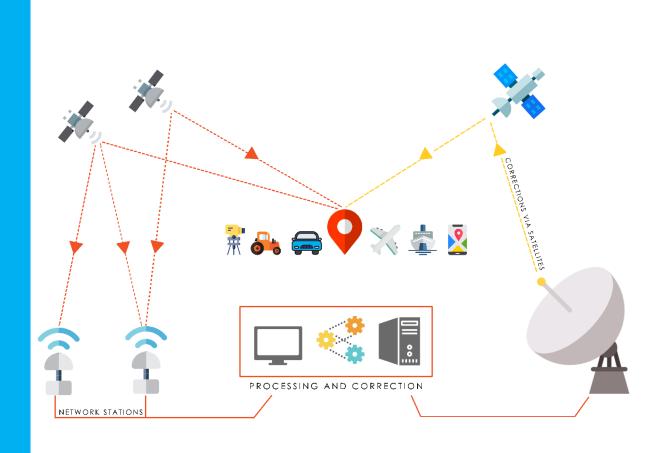
- Land georeferencing
- Topographic survey
- The survey of buried networks (geographic information system))
- Public works



## teriosat

TERIAsat enhances the TERIA service by offering to communicate corrections using a private satellite link (L-Band).

This transmission model provides communication between servers and users and also ensures service in areas not covered by operators.



## teriamove - Electromobility

Engaged in the development of solutions for the ecological and responsible transition









#### **Training**

In order to support the users of the network, TERIA provides training courses.

The objective is to work with participants to optimize the functioning of their equipment from a theoretical and practical perspective in order to fully use the TERIA Network.

The training is articulated in two parts:

- **Q** a first part " geodesy and GPS ".
- a second part "practical work" in the field.

The operators can thus better understand the use of their respective devices and their features.



#### Engineering

Thanks to its expertise, TERIA transmits its knowledge by providing Project Management Assistance.

TERIA also offers a consulting service to several actors such as companies, local authorities or institutions

From the conception to the realization of a GNSS network, from its maintenance to its ISO certification, TERIA is your special partner for the achievement of your project.



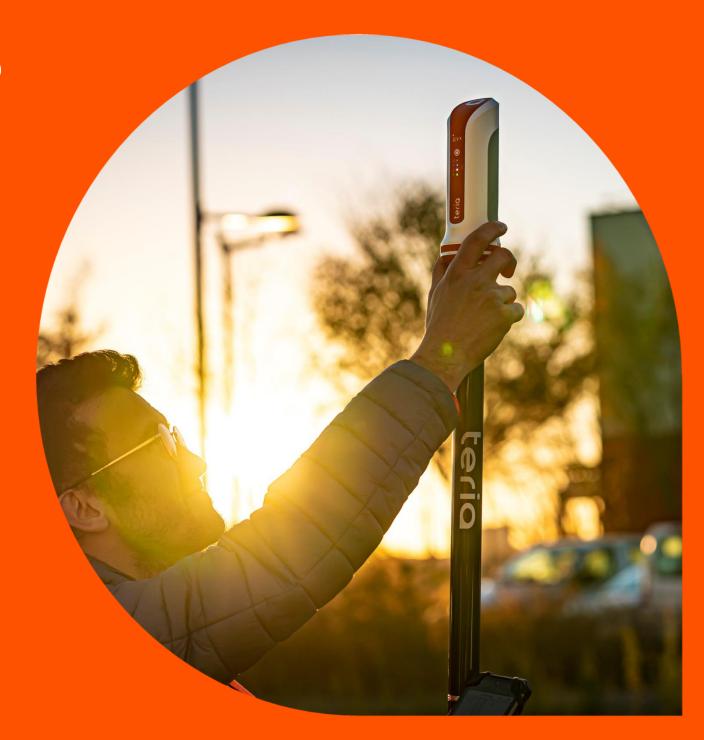
### Consulting

TERIA also shares its expertise and advice with several actors such as companies, local authorities and institutions.

A customized consulting service that will provide solutions to your problems according to your area of activity.



## Solutions





THE NEW

ALL-IN-ONE

GNSS SOLUTION

#### **PYX** package

PYX Receiver

UA versatile PYX handle

Android controller – Data collectors

USB-C charger / USB-A cable

Schock resistant case

Logiciels TCP-GPS pour Android

Standard 1 year warranty

1 year subscription to the

TERIA & TERIAsat included







#### Softwares



Development of a custom application for use with the PYX multi-purpose solution







#### **Tracking**

Storing information on the site, the equipment installed, type of work and precise location.





## R&D



## **R&D**EUSPA/ESA European Projects

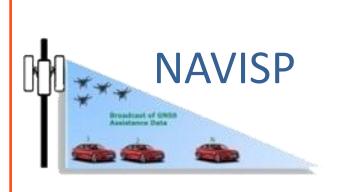


Qualification of the quality of the European cadastral data



High density networks (5-10 km between stations)

Low cost receivers



Data reception in digital terrestrial radio DAB +



#### R&D

#### Ongoing projects: creating a TERIA Laboratory

- Obtain certification to validate and certify the geolocation performance of equipment based on GNSS technology to ensure their performance and reliability of use.
- Reinforce the strategy of accompanying the profession in innovation markets by creating a participative platform



#### Website

- A website visited this year by **60,000 unique users** in *organic traffic* (without advertising promotion) on the FR and EN languages
- The FAQ and Request for Quote and BLOG sections are updated regularly and consulted daily by Internet users.
- → Website launched on March 24, 2019
- https://www.reseau-teria.com



#### Website

Sent to 15,000 French and English speaking clients and partners

#### **Q** 3 Formats:

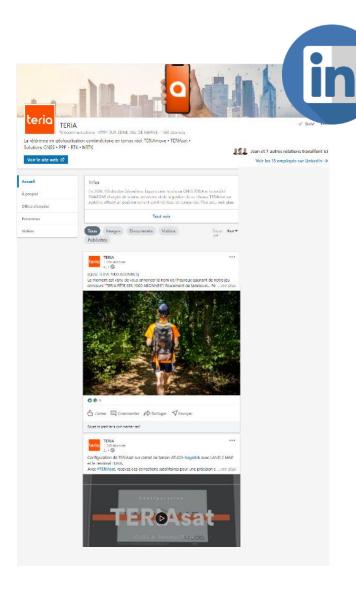
- Official newsletter (1 information)
- News or Technical Brief (1 information)
- Newsletter
   (3/4 informations + Save the date)

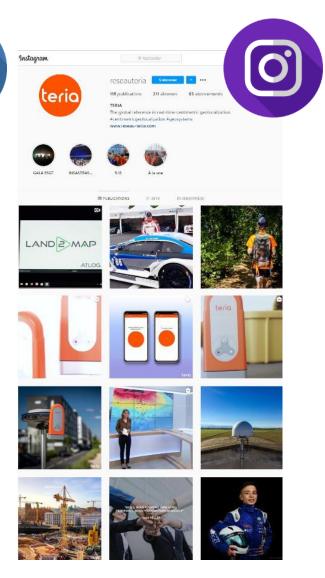


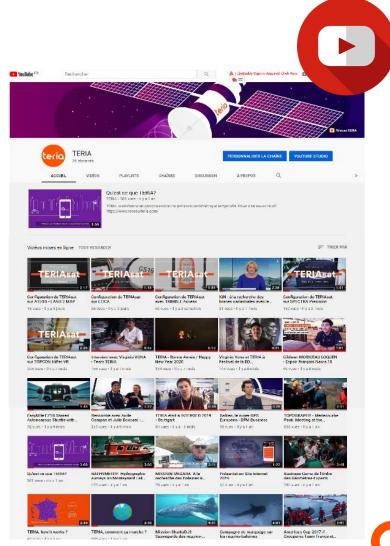




#### Social media







## « The best way to predict your future is to create it. »

- Abraham Lincoln -



