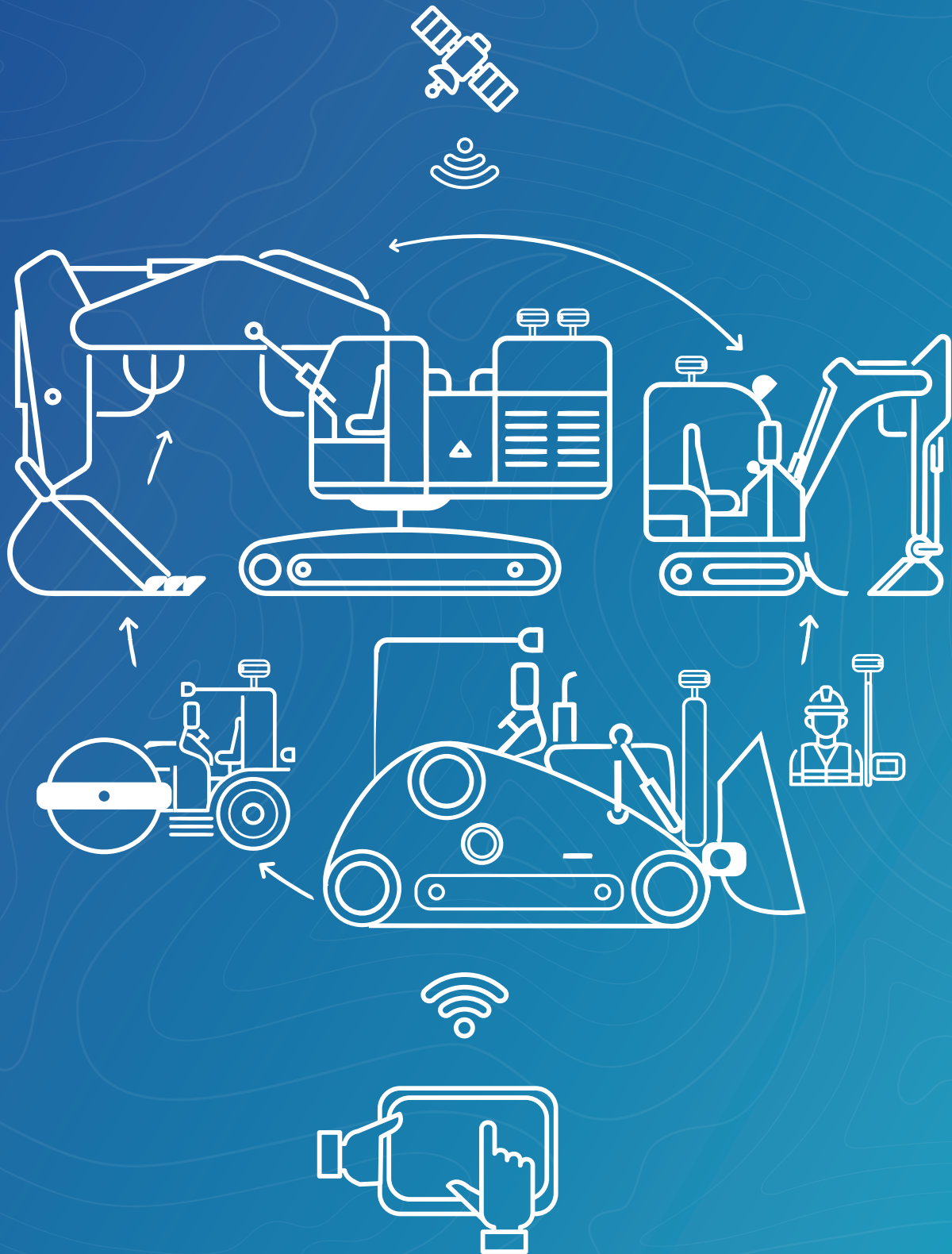



SITENAV

Your 3D machine control solutions



www.site-nav.com



Simplified Machine Control

About us?

SITENAV is a French SME founded in November 2018, specializing in 3D excavator guidance solutions. With the support of civil engineering professionals, we have developed a series of user-friendly field software solutions for real-time machine control.

SITENAV (formerly known as GUIDAIDE) develops and produces applications and solutions for machine control. In France, we provide a unique 3D wireless guidance system that utilizes a single control box and a GNSS rover.

In 2019, driven by an investor, we began to take shape by recruiting technical and sales teams to expand our network in France and abroad.

Since 2021, SITENAV has specialized in 3D machine control solutions for excavators and a range of other machinery, including bulldozers, loaders, compactors, and survey rovers as a complementary product.

Today, we have over 100 machines operating daily in France, and we're expanding our operations internationally.

What do we do?

We develop applications and solutions for construction machinery to enhance productivity, simplify tasks for construction managers, and streamline work for surveyors.

Our Solutions developed and designed in Europe.

SITENAV

Span your investment across several machines



Installation / configuration
in less than a day



Multiple machines and
multiple buckets



RTK georeferencing
in any coordinate system



Homely interface



3D Guidance
Versatility



Survey kit
(Rover)



Possible transfer to
other compactors



Stakeout and
survey



Remotely connected
maintenance



5 mins storage

Your 3D machine control solutions

Software designed to provide operators

Our main objectives are to simplify operators' tasks, enhance their autonomy, improve safety and boost productivity on job sites.

For operators:

Getting started with our guidance systems is straightforward and intuitive for both experienced and novice drivers. Our systems provide operators with greater autonomy and increased productivity. They serve as a topographical support for your projects.

For surveyors:

Create your projects in DXF format (DTM, lines, background map), compatible with drawings from other surveying software. Use your own coding system or request ours. With our 3D machine control solution, you can encode points recorded by the machine or the rover (which can be adapted to your base) and export the network plan in DXF format.



and surveyors with greater autonomy



Fieldbook P80

Rugged Tablet 8"

- ✓ Certified durability: MIL-STD-810H and IP65
- ✓ 8" High visibility screen
- ✓ Removable battery with extended autonomy
- ✓ Versatile connectors with expansion options
- ✓ Seamless connectivity: Integrated Wi-Fi, Bluetooth, 4G, GPS, and NFC

Windows 11

Windows 11 is a universal operating system that allows the installation of additional applications such as remote control.

Its directory mode allows SITENAV solutions to configure a multitude of machines, buckets, and other public works tools.

Telecare and technical support

We can help our users remotely to train them or carry out operations from the backend while they continue with their activities.



Your 3D machine control solutions

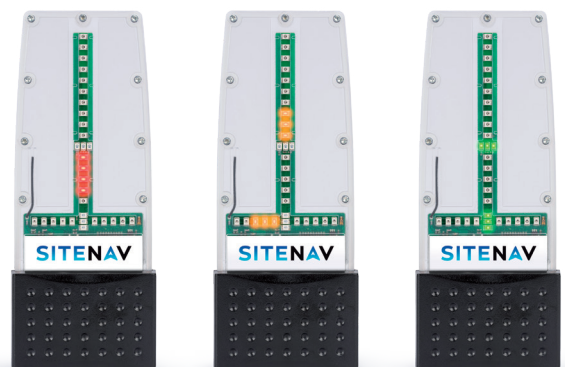
SITENAV 3D technology for all operators



Led indicator (Bargraph)

The angular information from the various sensors is transmitted to the LED display.

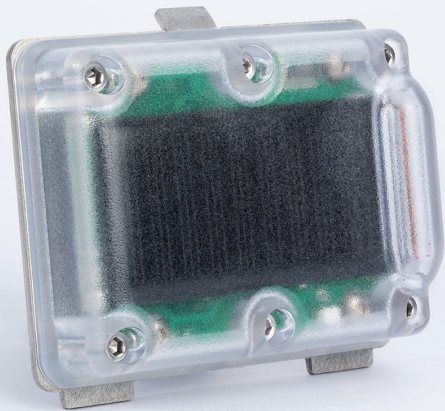
Operators set their tolerances, and the diodes then indicate any deviations from the project, helping to increase productivity and reducing the need to constantly check the tablet. Positioned in the operator's line of sight, the diodes allow them to focus on the bucket or dozer blade.



SITENAV

Your 3D machine control solutions

Quick-mount GNSS and solar rechargeable sensors



Solar charged sensors

80H Autonomy

Solar rechargeable sensors measure the angles of your machine's moving parts. They are easy to mount and remove, quickly locking onto their designated plates for proper installation. Strategically placed to avoid damage during operation, these sensors are compact, highly resistant (IP67), and waterproof.



High-precision GNSS Spotman

90H Autonomy

RTK or Radio (Base & Rover), multi-frequency, and ultra-compact. It features the latest IMU tilt technology, ensuring enhanced productivity in even the most demanding construction environments.

Spotman GNSS: Connects to the touchpad via Bluetooth, providing extended autonomy for uninterrupted work.

Your 3D machine control solutions

Features

Networks

Save time for your customers and yourself by locating your networks directly. Import and export your verification plans remotely and use our software to access a list of elements specific to sanitation projects, road networks, highways, and more.



Survey and Stakeout

Our software makes it easy to prepare your projects in real time. With our dot coding features, you can reference all elements of your site, calculate their volumes, and much more.



Earth movements

Define your project with your client using GPS points to obtain precise volume measurements and create accurate on-site quotes. With no room for disputes, the project is saved on the tablet in directory mode. Simply transfer the project to the machine and you're ready to go.



Trenching and line monitoring

Follow the LED display to guide you on linear projects, slopes, and ditches by accurately positioning your accessories. This helps save time and improves efficiency. You can also operate a line offset, both inside and outside, for complex linear tasks, enabling you to trench and fill in a single pass.



Visualisation

Visualisation of drawings and points

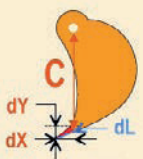
Your DXF format drawings display all the details on the control box. Simply select the elements you want to view. With CODIAD, you can encode your points for automatic representation of your work.



Configuration of views and accessories

Discover the quick keys to easily choose tool views, define cuts in your drawing, or switch to movement mode on the tablet. Select your preferred tools (e.g., trench bucket, tilt bucket) for fast setup.

Paramétrage godet

Largeur		Longueur	
I. C =	1.520	C =	2.150
dX =	0.000	dY =	0.000
			
dL = 0.000			
CURAGE			
Annuler		Valider	

Your 3D machine control solutions

SITENAV 3D Excavator

SITENAV 3D Excavator is user-friendly software compatible with all types of excavators. It suits various tasks and enables real-time monitoring of work, even over large areas or extensive lines.

Angle sensors 

GNSS antennas 

 **Bargraph
(Leds)**

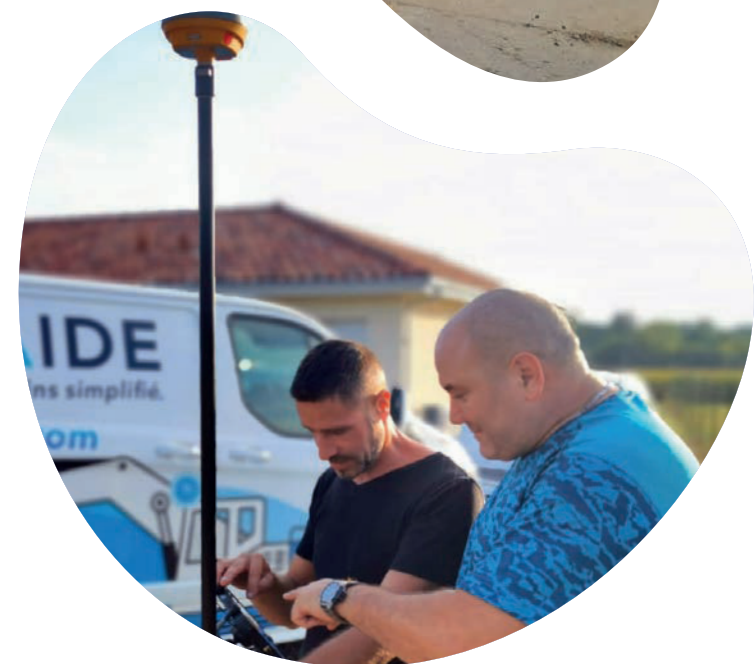
Touchpad 

SITENAV



Bulldozer 3D

Bulldozer 3D enables you to tackle both simple and complex projects with centimeter precision (± 2 cm). It enhances productivity for tasks such as formwork stripping, adjustment work, floor finishing, line monitoring, and earthworks.



Survey Rover

Our 3D Rover Kit is your field app for real-time monitoring of machines, projects, and jobsites.

It is a field application made for our guidance solutions. It effectively prepares, manages, and inspect your work.



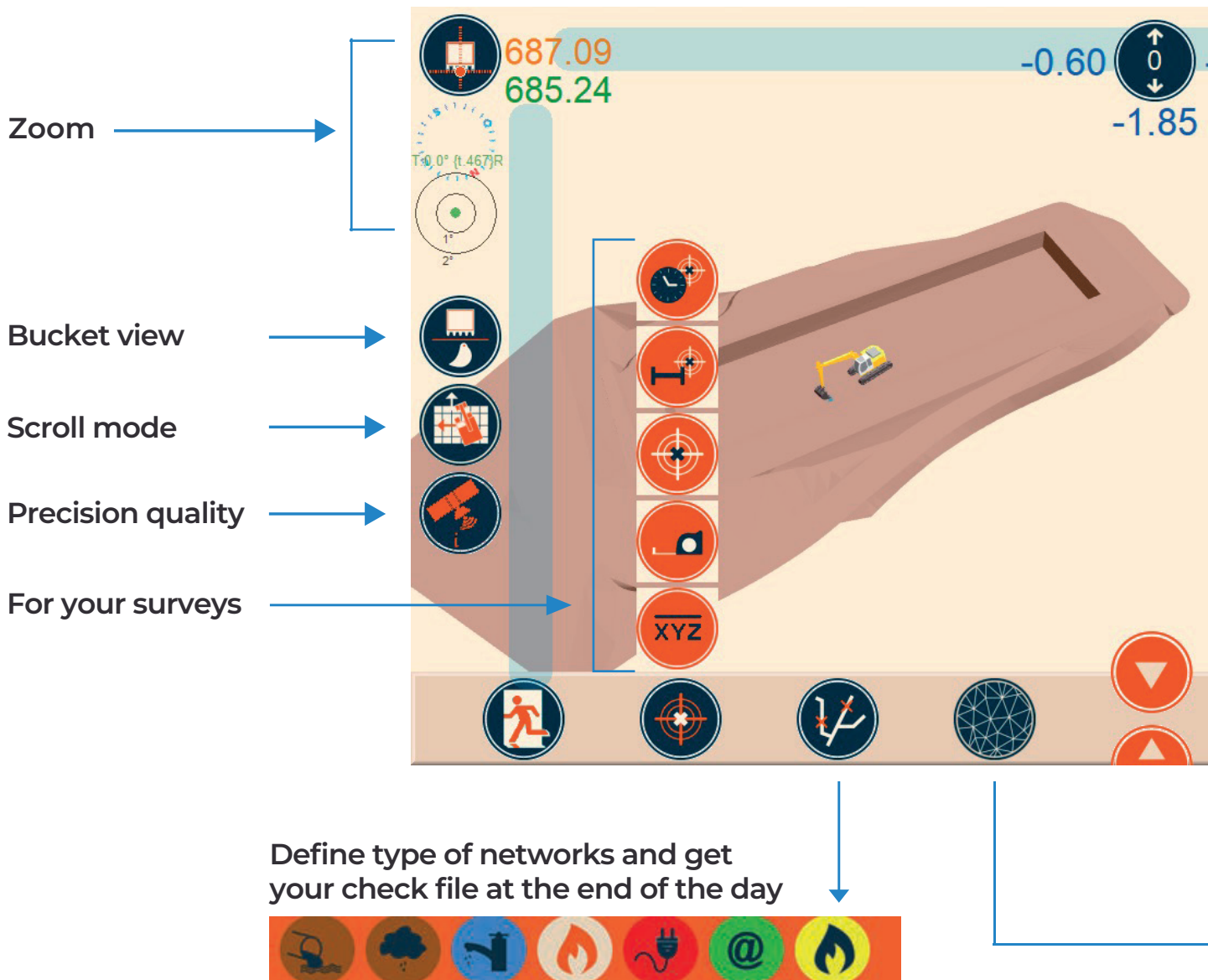
Compactor

Real-time traceability and monitoring of compaction to optimize your areas and generate reports, ensuring correct execution.

And other solutions...

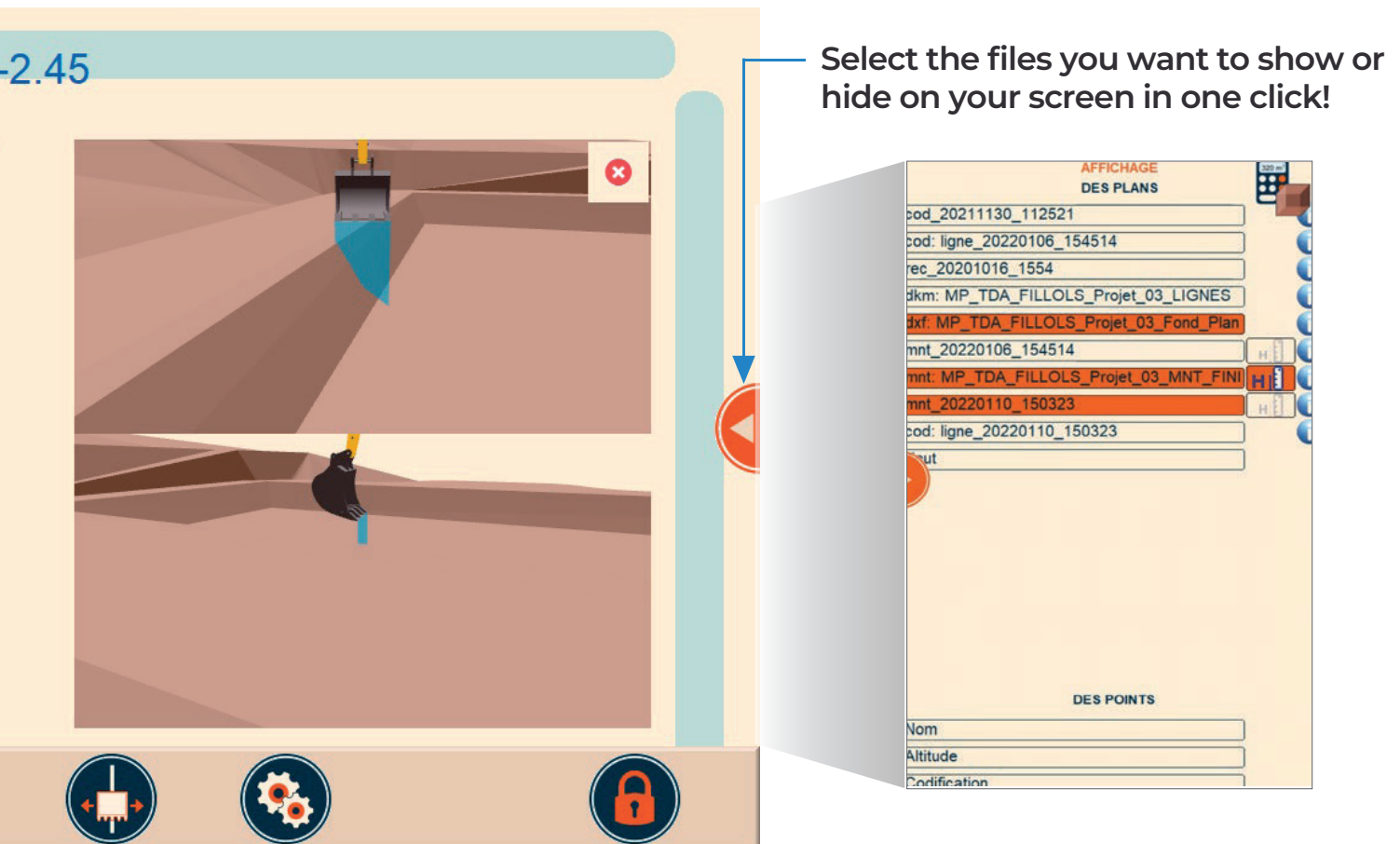
Your 3D machine control solutions

The SITENAV 3D software includes vari projects. Some of these tools are detail



ous tools for managing large-scale ed below.

-2.45



Select the files you want to show or hide on your screen in one click!

The interface displays a 3D terrain model with a yellow excavator and a blue shovel. A red 'X' icon is visible in the top right corner of the model view. Below the model, there are three circular icons: a camera, a gear, and a padlock.

The file selection panel on the right, titled "AFFICHAGE DES PLANS", lists the following files:

- cod_20211130_112521
- cod: ligne_20220106_154514
- rec_20201016_1554
- dkm: MP_TDA_FILLOLS_Projet_03_LIGNES
- dx: MP_TDA_FILLOLS_Projet_03_Fond_Plan
- mnt_20220106_154514
- mnt: MP_TDA_FILLOLS_Projet_03_MNT_FINI
- mnt_20220110_150323
- cod: ligne_20220110_150323
- cut

Below the file list, there is a section titled "DES POINTS" with input fields for:

- Nom
- Altitude
- Codification



Prepare your project
directly on site!

Your 3D machine control solutions

A universal solution for all your machines and more...

Our wireless solution enables faster installation and reduces system fragility. Transferring the system between machines takes just a few minutes.

Installation in one day

Setting up your machine in 3D typically takes just one day, depending on the options selected. We customise the solution for each machine and individual needs. Feel free to inquire about the available options or modules to equip all your machines.

In 5 minutes:



- ✓ Easily swap your system between machines.
- ✓ Use SITENAV 3D with a rover to survey your points.
- ✓ Secure your system in a suitcase to prevent theft.
- ✓ Switch from on tool to another for different tasks on your job site.
- ✓ Monitor the status of all batteries and sensors.

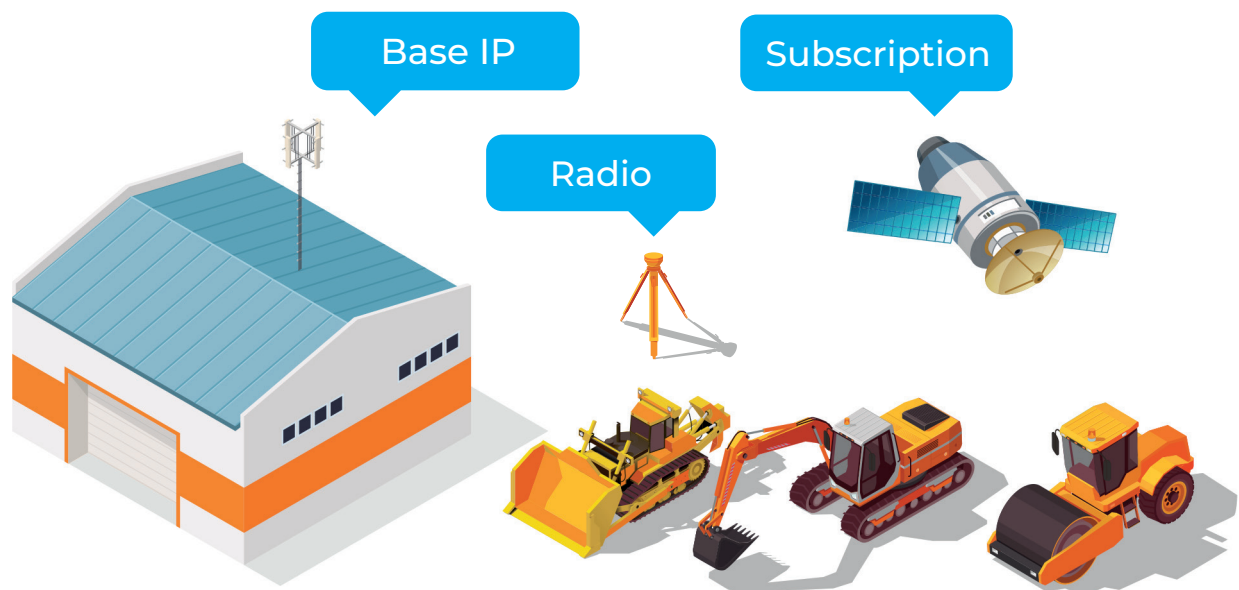


Your 3D machine control solutions

Precision services

Choose your geolocation package according to your needs and expectations:

For centimeter accuracy, choose between your own Base IP technology or a bespoke subscription.



Additional services:

We are dedicated to listening to you and meeting your needs, even remotely, because our commitment to quality is a cornerstone of our company. We aim to support you in optimizing the use of 3D machine control solutions with:

Maintenance contracts:

Choose one of our maintenance contracts, available for 3 or 5 years, to ensure the full efficiency of your installation.

Personalised training:

We offer flexible training options, starting from half a day or more, and even provide remote sessions tailored to your specific projects.

Contacts



Your 3D machine control solutions

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