

# Parrot<sup>®</sup>

PROFESSIONAL

## HOME EXTENSION PROJECT

DO NOT CLIMB ON THE ROOF TO PREPARE YOUR HOME EXTENSION  
THANKS TO PARROT BEBOP-PRO 3D MODELING DRONE



- La Maison des Travaux specializes in building renovations in France.
- A timesaving solution was needed to take measurements of the house for an extension project.
- Parrot Bebop-Pro 3D Modeling allowed the professional to take precise measurements without climbing onto the roof of the building, making it a safe and cost-effective method.

**Homeowner Yanis Grenier wanted to extend his house, but as it was L shaped and terraced, it was almost impossible to measure the roof and walls accurately. He contacted La Maison des Travaux, a building contracting company that uses drone solution, Parrot Bebop-Pro 3D Modeling to take measurements and create 3D models of building projects.**

"Parrot Bebop-Pro 3D Modeling is a great tool for home extension projects, saving you time and money. You no longer need to climb onto roofs thus avoiding risks and in less than 2 hours you have your photos, your 3D model and your measurements done."

JEAN-MICHEL VIGNERON, LA MAISON DES TRAVAUX'S NETWORK LEADER



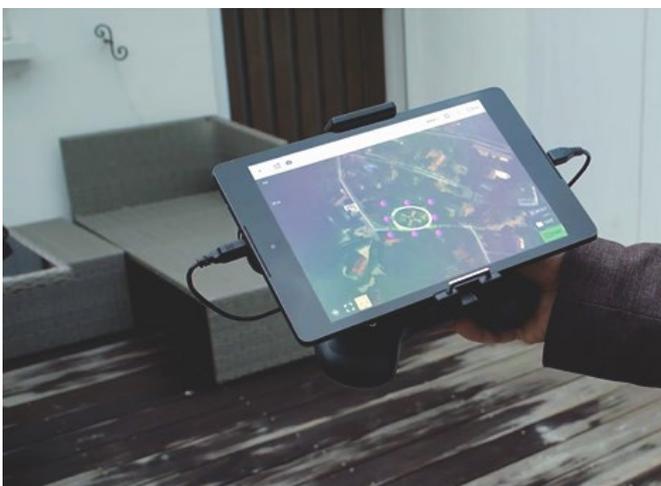
### Taking outdoor measurements efficiently and safely

La Maison des Travaux is a network of quality certified, building and architectural professionals located all over France. They take care of all renovation, extension and construction work by bringing on board their partners, a team of experienced builders who execute the work as quickly and professionally as possible. La Maison des Travaux offers free quotes to potential customers, so they need to be very competent in taking the correct measurements.

### Using a drone solution is timesaving

Parrot Bebop-Pro 3D Modeling uses a compact lightweight drone and Pix4D software, saving you time and offering a safer and more efficient solution to creating quotes.

The 3D modeling solution enables La Maison des Travaux to take measurements of a property in less than 10 minutes.



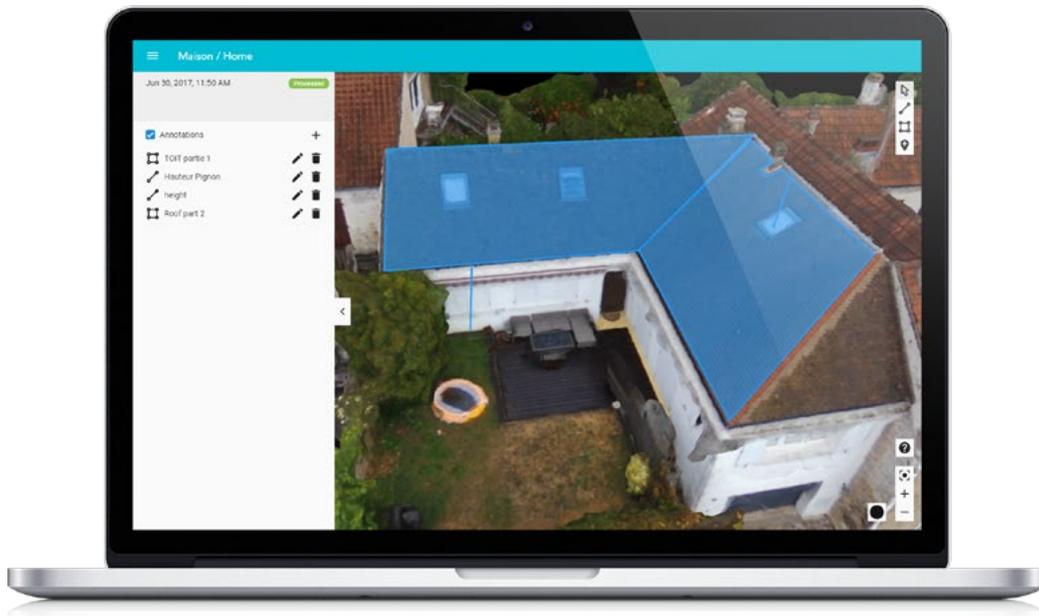
## By using a drone no need to climb onto a roof

In June 2017, homeowner, Yanis Grenier wanted to extend his house and had a very short timeframe to do it in, "I was in a hurry to get the extension done. La Maison des Travaux offered an innovative solution that helped me save a lot of time" said Yanis.

Thanks to Parrot Bebop-Pro 3D Modeling, Jean-Michel Vigneron (La Maison des Travaux's Network Leader) was able to measure the house and create a 3D model of it. The property is a terraced house, which made it difficult to measure the roof and walls correctly.

The house is L shaped, so the architect launched the drone twice, capturing photos during 2 three minute flights over the house.

The 3D model of the house was computed in the cloud from the photos shot by the drone, providing the ability to take measurements with a 10 cm precision. This is ideal to start the extension project and to present a quote to the homeowner.



## Witness the immediate benefits of using a drone to take measurements outside

The resulting 3D model is directly computed and stored in the cloud, no need to download complex software. It's easy to share the 3D model with partners and colleagues to estimate the cost and duration of the project.

It is also possible to show the 3D model to the customer, so they have a clear idea of what the building project entails. "It incites confidence for the extension project that lies ahead" said Yanis.

Parrot Bebop-Pro 3D Modeling helps to save time and money and is a much safer solution for building work and renovations.