

# H42: Case Study **NEW!**

## Field service

Forestry



**End user:**

**Forestry professionals**

**Configuration of Gotive systems deployed:**

**GOTIVE system: H42TBTWB**

**Description of the project:**

The exam of a trunk is one of the more important operations on forestry activities: in fact, it is necessary to calculate its weight, quality, the kind of vehicle to be used to move it and many other features.

The position of the trunks can be established only through a GPS – in a forest it is very difficult to find any sure referral; in addition, its diameter has to be measured immediately after cutting and the data collected to be safely recorded and sent to the central office at the end of the day.

Datapan realised the ideal solution using an electronic calliper linked through a USB connection with a Gotive H42 unit and a high precision GPS module connected via Bluetooth.

In this way, each operator can work using the electronic calliper for taking the measurements whilst the GPS automatically records the position of the group of trunks; Gotive H42 is used to check if everything is correct and to record the data.

When all the operations to be managed in the place are finished the operators return to their headquarters and send the data to a personal computer which contains all the records about that activity: in fact an official register has to be maintained for inspection of Italian Forestry Office, to control the permissions. Software and hardware integration made by:

**Country/geographical area: Italy**

Integrator: Datapan d.o.o

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