



**Rezatec**  
Analyzing Earth Data

# MOBILE APPLICATION FOR GEOSPATIAL DATA CAPTURE

FORESTRY / MOBILE APPLICATION

## THE BUSINESS CHALLENGE

Collecting plot data is a commonly applied method to support forest asset inventory, provide estimates of timber volume, and quantify asset value. This data then feeds into multiple business functions including operational planning and progress reporting.

However, whilst this data is considered a necessity for the forestry sector, collecting plot data is a manual and intensive survey process, often involving third party contractors or seasonal personnel. Associated costs remain high and, furthermore, data may be inaccurate or incomplete due to the standalone software or paper-based methods being used for collection and recording.

As organisations attempt to optimise their activities, forestry businesses are looking at opportunities to increase efficiencies in their existing business practises. The high cost of plot data collection is often tolerated as it is considered a necessity for operations.

## CONTACT US

[info@rezatec.com](mailto:info@rezatec.com)

+44 (0)1865 817 500

[www.rezatec.com](http://www.rezatec.com)



## OUR MOBILE APPLICATION

Rezatec offers a new mobile application that allows for the capture of plot data on-the-go, in an easy-to-use interface, stored in a centralised repository. This enables the information to be accessible across multiple business functions to facilitate communication, planning, assessment of performance, and analysis.

Unlike standalone software or paper-based systems that are used in data entry, the mobile application tool is readily integrated with Rezatec's Earth Observation (EO) derived Forestry Management or Monitoring Services. EO data sourced from satellite and other remote sensors is used to inform the ground-based survey with locations and number of plots required to obtain representative sampling for the forestry activity. This, in turn, ensures that ground surveying is conducted efficiently, avoiding an over estimation of requirements and expense, and achieving high quality survey results efficiently.

In addition, data collected during the ground survey phase is also used to validate EO analytics to ensure all information is relevant and related for consistency.



- + Capture useful data in an easy-to-use, configurable interface
- + View data through Rezatec's customised GIS web interface or integrate with your existing system
- + Store data in a secure, standardised format for future use
- + Deploy survey teams more efficiently

## FIND OUT MORE

At Rezatec, we use Earth Observation (EO) data to provide valuable forestry decision support, to help identify, measure and monitor various aspects of the world's forests from space, enabling faster and more informed management decisions to be made.

For further details about our mobile application and pricing, contact us on +44 (0)1865 817 500 or email [info@rezatec.com](mailto:info@rezatec.com)

