

# Finding your way in the forest with GPS+



TOPCON  
**AT WORK**

*"The system gives hours  
of productivity"*

*"An efficient assistant in my  
daily work"*

Michael Hübner is a forest engineer for the LAFOS in Sachsen-Anhalt East Germany. The Land and Forestry service watches over land, forests and plants. "When I started at the Land and Forest Service Sachsen-Anhalt I got equipped with Topcon's GPS+ systems. For many years my GPS experience was limited to amateur handheld receivers to navigate and save my forest paths. I should have seen the immense practical possibilities of this equipment years ago."

"When entering the forest of around 5000 hectares and finding your way with conventional methods, without years of experience in the area, it is almost impossible to find control points or boundaries. The problems are worse in situations enquiring accurate position such as updating landownership records or surveying lines of sight on a public highway. With Topcon's GPS+ systems I can supply the required accuracies."

"The system consists of a Topcon backpack receiver (GPS + Glonass), a Pen PC and GIS software. The simple use of hard- and software gives productivity from the beginning. Locating parcels and parts in, until now, unknown areas is easy, thanks to the equipment and the digital map materials like forests, parcels and air photo's. With fast preparation in the office (job preparation and uploading of maps) I can directly work on site. The backpack solution and an extra battery give hours of productivity."

"The rover receives both GPS and GLONASS. This guarantees signal reception in even the densest forests. Adding the correction data received via GSM communication, the accuracy of the measurements increase. Thus it is possible to find and stake out boundaries. It basically is hard to do your job without this equipment. The multi functionality and ease of use makes it an efficient assistant in my daily work."

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