

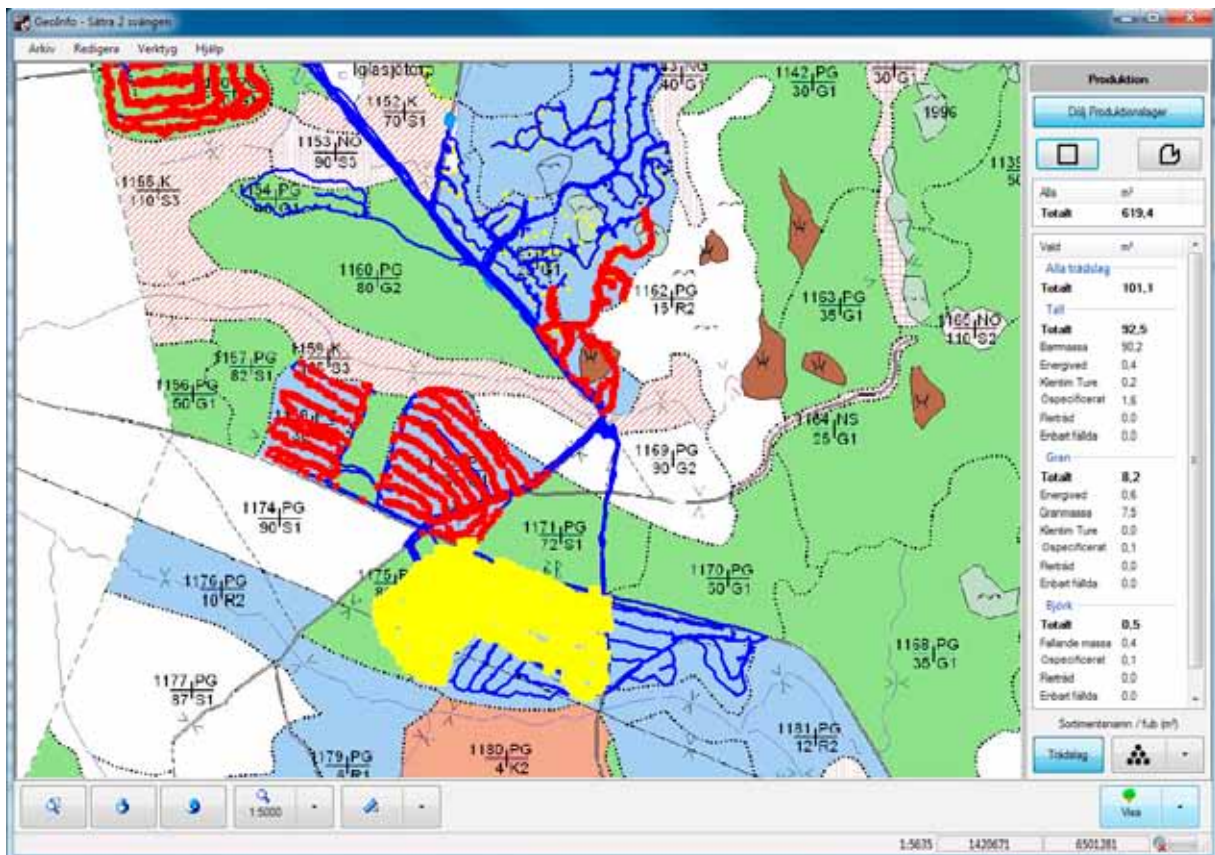


GeoInfo – forest pathfinder

GeoInfo is an active navigation application developed especially for use in forestry machines. GeoInfo supports regional packages in the StanForD (Standard for Forestry Data and Communication) format and is used in both harvesters and forwarders. GeoInfo is easy to use and fully supports touch screens. All of the important functions are accessible on screen via large, distinct buttons. GeoInfo creates a track log on a map to show transport

routes and felling. The track log can be transferred to a forwarder as forwarding support information.

GeoInfo uses the harvester's production file and shows where logs of different varieties of tree are located. The driver can easily create pointers on the map, e.g. to mark out strip roads or obstacles.



■ Program functions

- Map zooming by touch screen or mouse.
- Map quick zoom to three different scale settings.
- Easy to switch between multiple logging contracts.
- Ability to lay out map alarm boundaries, e.g. building plots or power lines.
- Easy for operator to add map objects like lines, dots, areas and text.
- Ability to measure distances, areas and perimeters directly on the screen.
- Easy to add/remove layers, or move different layers forward or back.
- Overview map showing the section of the loaded area map in view.
- The map can be overlaid with a raster and grid lines to facilitate the judging of distances.
- Map auto-panning function.
- Shows equipment position, latitude and longitude in real time.
- Alternate standards, metric, imperial and imperial/cord can be selected

■ Track log

- Can be saved in rows in two different colours, one for work, and one for transport.
- Easy to import and export map files and track log.
- Adjustable harvesting zone to represent harvested area on screen.

■ Georeferencing

- A georeferencing tool is available that allows digital map images to be used in GeoInfo.
- Ability to save current map images to georeferenced raster files to any drive on the computer.

■ System functions

- Production files (.pri) can be imported from harvesters and shown in a special map layer.

- Zip files automatically opened and unzipped to folders on import.
- Ability to create zip files for file grouping and file size reduction.
- Ability to preview and print out current felling area image in A4 format.
- Easy to monitor status of connected GPS aerials and signal strengths from all available satellites.
- GPS-filter for GPS signal filtering.

■ Production report

- Displays production from PRI-file in map view.
- Selectable display of production group or assortment codes.
- Displays production data with or without distribution on tree species.
- Selectable volume unit for displayed production data.

■ Coordinate system/file format

- The application supports Swedish CD national survey maps (.rik).
- The application supports a number of file formats; examples: .ghd, .pri, .tif, .jpg, .shp, & .tab.
- Supports World Wide established coordinate systems.

■ Language support

- The application supports a number of languages, among others Czech, English, Finnish, French, German Norwegian and Swedish.

■ System requirements

- MS Windows 2000, XP, Vista, Windows7 with .NET Framework 3.5 or later.

■ Accessories

- dxGPS, GPS unit adapted to the application.
- Connection cable for dxGPS, 5 metres.

Dasa is a leading supplier of computerized control- and communication systems for heavy vehicles. With high technical competence we develop and manufacture systems for control and information handling together with complete applications for forest harvesting.

