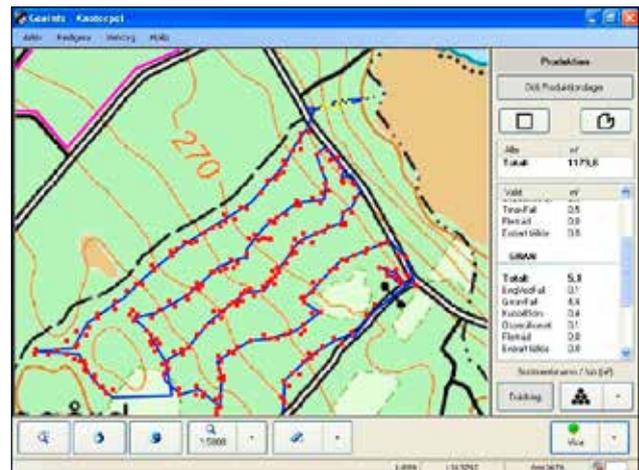




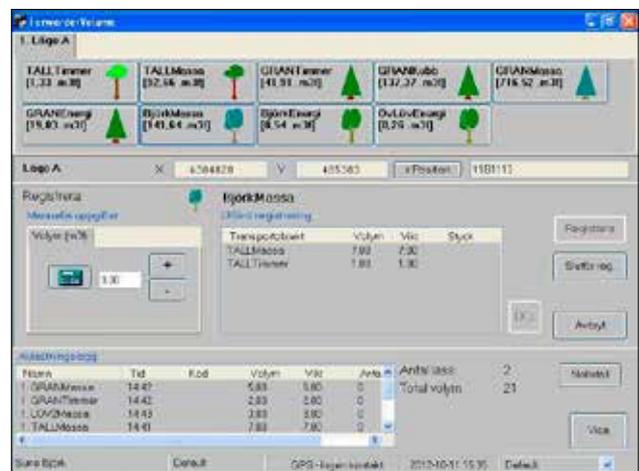
# Forwarder computer – for efficient forwarding and timber flow

Dasa Forwarder computer provides a solution that streamlines the flow of timber from the felling site to industry. The forwarder software receives the felling data from the harvester as a basis for what is to be forwarded.

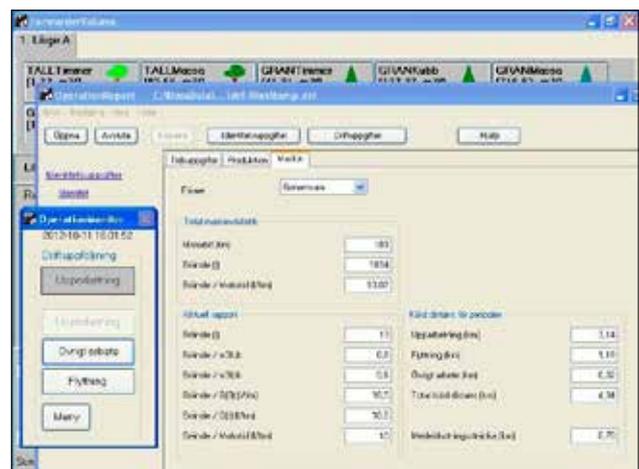
Using the map system the operator sees where the different assortments and volumes are located as well as boundaries and obstacles in the felling area. The forwarder computer eliminates the risk of the timber being left on the ground or protected boundaries being crossed during forwarding.



Forwarding can be performed systematically with the support of the forwarder computer. The operator plans operations based on the positions of the different assortments and volumes with help of the map. The assortment and volume for each load is registered during forwarding.



The operator has full control over what has been forwarded and what remains in the terrain. The unloaded assortments and volumes are registered in the unloading positions at the depot. Data from forwarding can be transferred to a central server as basic data for planning and implementation of timber transports.



The forwarder computer is normally also equipped with an operation control application, which is then connected to the forwarder's control system. The forwarder computer collects all essential operating data from the control system. Together with the operator's activity reporting, the system builds a database for monitoring and analysis of forwarder operations.

The follow-up of operations provides the forwarding assignment operators with an opportunity, locally on the forwarder computer or on a PC in the office, to monitor and analyse the forwarder's overall performance as well as per felling assignment. Knowledge of the operating conditions for forwarding can then be used to improve forwarding processes and felling logistics.



Dasa Forwarer computer consists of a mobile PC with specialised software.

The forwarer computer's software can be built up in stages, depending on the functions that the customer needs.

■ **Forwarer software**  
– **ForwarerVolume**

- Felling data can be imported from bucking or production files
- Registration per felling object
- Several felling objects can be managed in parallel
- Support for weighing systems with the registration of load weights
- Continuous display of assortments and volumes
- Guide to create felling objects

■ **Map and navigation software**  
– **GeoInfo**

- Import of maps and area directions
- Navigation with maps and GPS
- Production data from PRI file in map display
- Display of timber positions on the map

- Driven routes and track log for work and production
- Supports most map formats
- Flexible tools to measure on the map
- More details in a separate product sheet

■ **Operations follow-up**  
– **OperationMonitor and OperationReport**

- Calculation and presentation of key ratios for utilisation, downtime and repairs
- Fuel consumption
- Downtime management
- Integrated with the forwarer software
- Documentation of activities by felling object
- Follow-up per operator
- Activities and time concept compliance with StanForD
- Printing of reports for different time periods and felling object

*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.*