



CONNECTED FOREST™

Forest: SilvaPRO

ACCELERATED RESOURCE PLANNING

Trimble Forestry's CONNECTED FOREST™ Forest: SilvaPRO™ is a SaaS-based Enterprise Resource Planning system for forest and work site planning, work site monitoring and wood procurement. A modern user interface and an embedded map view enables efficient management of all forest planning functions. SilvaPRO is a highly valuable tool for forestry professionals. As a web-based service, SilvaPRO can be used anywhere without customized server solutions.

FOREST PROPERTY MANAGEMENT

Forest property management tool includes the ability to update ownership, planning and operational data. Up-to-date information makes work site planning easy and enables accurate forest property valuations.

Forest Owner Management

SilvaPRO is an efficient tool for customer relationship management. Enables maintenance of customer and forest owner data, management of membership data and processing and retrieving information from internal customer databases. This information helps with planning and executing the forest operations.

Forest Asset Data and Planning

SilvaPRO's integrated map enables GIS-based forest plans and work site maps. Forest asset data collected using laser scanning can be utilized for forest planning.

SilvaPRO enables the creation of unique forest plans, silvicultural work and felling plans to meet each customer's needs. Forest growth calculation models help to determine the need for cutting plans. SilvaPRO forest asset data and planning tools are designed simplify the management of forest properties

OPERATIONAL MANAGEMENT

SilvaPRO can be used to manage organizational user information, contractors and contracts. Standardized product lists make it possible to estimate income and the costs of planned and executed silvicultural work. Conditionally filtered lists enable the efficient control of different types of worksites at different stages of execution. Existing forest plans can be updated based on completed operations.

Worksites

Worksites harbor all planned silvicultural work and timber sale estimates. Official reports and legal logging documents can also be compiled and printed based on worksite data.

Wood Procurement

SilvaPRO can be used for comprehensive management of wood procurement chains. Harvesting blocks, storage sites and timber transports can all be administered in the same system. Contractors and equipment information as well as delivery contracts can also be managed with SilvaPRO.

Key Features

Customer Management

- ▶ Customer data and membership
- ▶ Real estate and forest properties

Forest Planning

- ▶ Forest compartments (stands/cut blocks)
- ▶ Growth and cutting simulations
- ▶ Estimating the value of stands
- ▶ Providing forest plans to forest owners

Wood Procurement

- ▶ Planning of the cut site
- ▶ Roadside timber storage
- ▶ Logistics and wood delivery plans

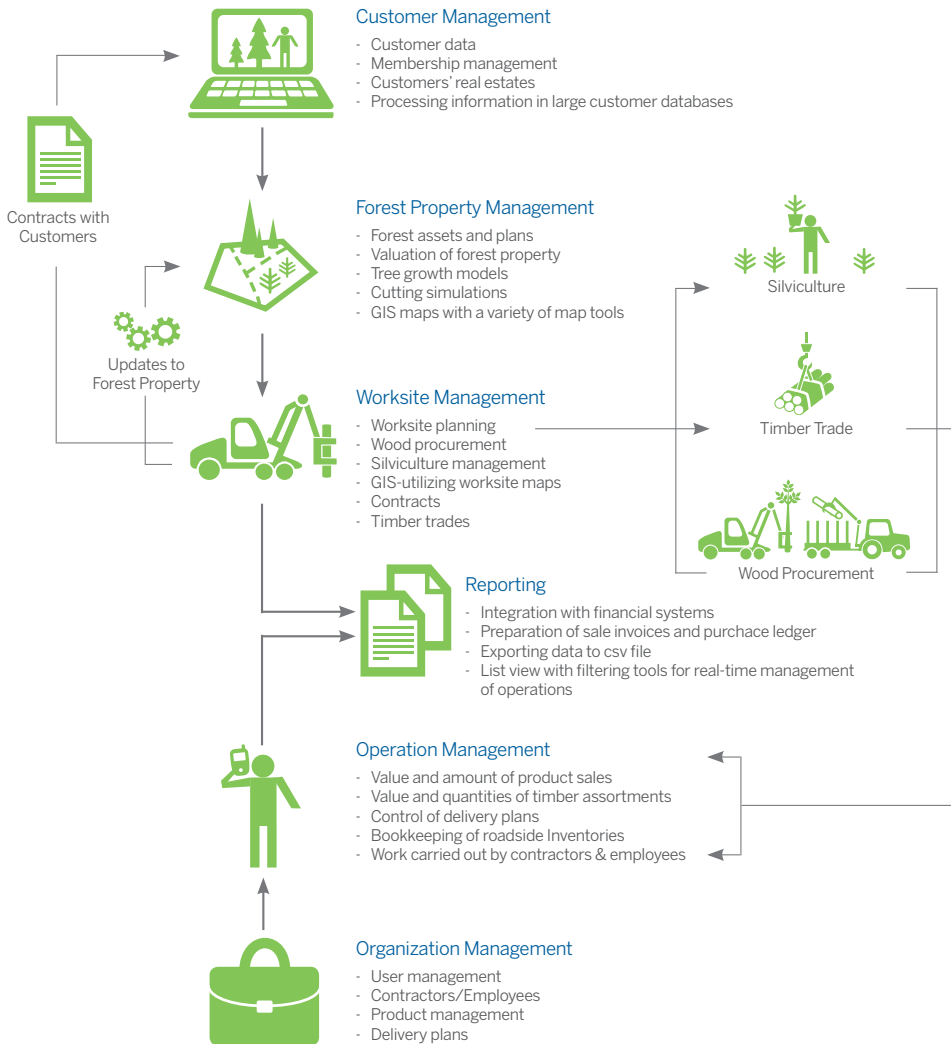
Worksite Planning and Execution

- ▶ Contracts with forest owners
- ▶ Product sales contracts
- ▶ Silvicultural work
- ▶ Timber plans contracts, and predictions of log volumes for completing purchase offers
- ▶ Declarations to the authorities



CFForest: SilvaPRO ACCELERATED RESOURCE PLANNING

CFForest: SilvaPRO Services



Who Benefits?

Forest Companies and Land Owners

- ▶ Contracts and declarations
- ▶ Better knowledge of the potential utilization of forests
- ▶ All aspects of handling forest property, from forest inventory to executing forest work and harvesting
- ▶ Tools for efficient planning and execution of forestry services even when environmental and economic restrictions are in place
- ▶ Possibility to use custom-made map layers as well as generic ones to support planning and execution
- ▶ Management of contractor or employee data as well as delivery contracts for reporting
- ▶ Less work for planning and operational management
- ▶ Better understanding of the value of harvests and roadside inventories

Forest owners

- ▶ Up-to-date forest plans for forest property

Field Crew

- ▶ Easy to set up and use
- ▶ Less manual reporting
- ▶ Real time work orders and maps
- ▶ Worksite navigation

Organization and IT

- ▶ Reduced IT infrastructure costs and quick deployment, due to the Software as a Service (SaaS) model
- ▶ No need for local installations, backups, or software updates
- ▶ Available to users anytime, anywhere
- ▶ Does not require large initial investments

"SilvaPRO is a versatile, all in one application. The SaaS platform means there is no need for a separate server and resources for maintenance. Our map creation tools have improved considerably since moving to SilvaPRO, we now have up-to-date digital maps that are always available."

Jukka Pohjonen
Head of Forest Planning - Forest Management Association Pirkanmaa, Finland

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