



CONNECTED FOREST™

Logistics: LogForce

SMARTER WOOD LOGISTICS

Trimble Forestry's CONNECTED FOREST™ Logistics: LogForce is a proven SaaS service for the forest transportation industry that enables industry collaboration between the forest owner, contractor and receiver.

LogForce provides an enterprise-wide logistics solution designed to plan delivery of remote roadside inventory stock.

HIGHER EFFICIENCY THROUGH BETTER VISIBILITY

LogForce software service provides complete visibility to both the forestry company and the transport company.

LogForce helps forestry companies reduce transportation costs and makes transportation planning more effective.

Hauling companies benefit through visibility of all available roadside inventories from multiple providers enabling them to plan efficient, cost-effective delivery schedules and fulfill delivery orders consistently.

EASY TO USE BOTH IN THE OFFICE AND IN THE FIELD

LogForce solution consists of components for both planning and execution.

Forestry companies are able to send information to LogForce using messages such as Transportation orders, Carriage list and Departure storages. Transport companies are able to send information such as transportation schedules, resources and load feedback using papiNet messages.

The forestry company also has the ability to manage volumes and wood flow by sending orders to transport companies. LogForce divides orders into loads. Planners can easily send these loads to trucks and manage daily and weekly scheduling. In addition, the forestry company receives feedback on the wood flow plan.

LogForce provides the truck driver with an easy to use interface for the management of delivered loads. Bundle layouts, estimation of arrival times to the mill and rate factors can also be efficiently managed.

Key Benefits

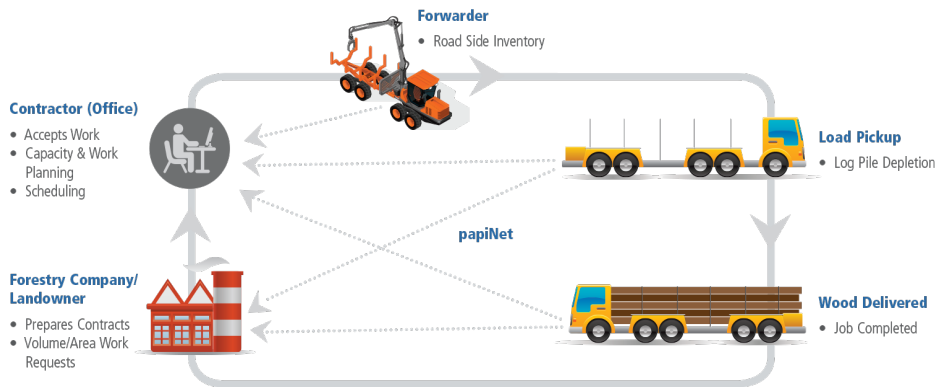
- ▶ Federated management planning
- ▶ Transport order handling from the forestry company
- ▶ Transport planning and scheduling
- ▶ Stock management
- ▶ In truck map functionality (on-line/off-line)
- ▶ Load and delivery execution
- ▶ Delivery point information (receiving times)
- ▶ Messaging functionality
- ▶ Rail car management and planning



CFLogistics: LogForce SMARTER WOOD LOGISTICS

CFLogistics: LogForce service provides logging and harvesting contractors with the ability to self manage load and transportation logistics. By supporting the papiNet standard interface, LogForce can be easily connected with different forestry company management systems. Forestry companies can manage exact volumes and wood flow by sending orders directly to the desired transport company.

CFLogistics: LogForce Service



“Trimble Forestry’s CFLogistics: LogForce solution is a solid platform that enables collaborative logistic process development with our transport contractors.”

Hannu Alarautalahti
SVP, Production, Metsä Group, Finland

Who Benefits?

Forestry Companies

- ▶ Reduced transportation costs and diminished or even eliminated pressure to increase contractor prices
- ▶ Yearly savings from backloads
- ▶ A transport-based operations model which enables strengthened cooperation and a win-win operations model with key transport operators
- ▶ Savings from company’s personnel needed for more efficient transport planning
- ▶ Fewer support personnel required
- ▶ Savings from ICT investments

Contractors

- ▶ Transport companies can offer its services to several forestry companies using one information system
- ▶ The driver’s responsibility can be gradually increased from a daily plan to a weekly or monthly plan
- ▶ Higher utilization rate of the transportation equipment
- ▶ Integrated solution for planning and execution
- ▶ Efficiencies from reduced personnel and equipment hours

Field Crews

- ▶ Increased driver responsibility based on know-how and interest
- ▶ Simple, easy-to-use mobile interface
- ▶ One interface for all driver information needs

CANADA

Suite 560,
1188 West Georgia Street
Vancouver BC, V6E 4A2
+1 604 697 6400 phone

forestrysales@trimble.com

USA

4100 SW Research Way
Corvallis, OR 97333
+1 541 752 9000 phone

trimble.com/forestry

FINLAND

Revontulentie 8 C
02100 Espoo
+358 20 742 0600 phone

NEW ZEALAND

1372 Hinemoa Street
Rotorua, 3010
+64 7 348 0308 phone

BRAZIL

Av. Dr. João Guilhermino, 261
Sala 152 – Centro
Cep: 12210-131.
São José dos Campos
São Paulo
+55 12 4009 2609 phone

GERMANY

Chorherrengasse 3
D-88364 Wolfegg
+49 7527 9150 phone