

More Efficient Timber Yard Logistics



GPS Timber is a system for improving the logistics of a timber yard. The system keeps track of what is stored where and, in this way, facilitates accurate and efficient management. There are many advantages – increased control, shorter storage times, reduced fuel costs and an improved work environment

GPS Timber – market leader in timber yard logistics!



The system consists of a piece of software that is located in the facility's operations center as well as client software in each vehicle. In addition to managing data from the trucks, the central piece of software also manages data from saw benches and sorting. There is a GPS receiver in every vehicle that keeps track of where the vehicle is and what activities are being performed. Communication between vehicles and the central server is via wireless technology.

Information about position and activity is sent continuously from the trucks to the central server. The information from the trucks is put together with information from other trucks, saw benches, sorting, etc.

GPS Timber is used by several of the industry's biggest players such as SCA, Stora Enso and Martinsons.



**GPS
TIMBER**

CARTESIA
ADDNODE GROUP

DataPolarna

Please contact us to find out more

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WITH GPS TIMBER YOU CAN:

- * Survey the timber stores
- * Follow the trucks' activities
- * Control picking up and dropping off
- * Manage storage spaces
- * Reduce driving distances
- * Ensure the quality of deliveries



**Updated information
saves time and fuel**

With GPS Timber you have a level of control of the timber yard that is unsurpassed. You avoid having the wrong quality delivered to the saw benches and driving distances are shortened in that the system shows when a bay should be emptied. The timber yard's storage spaces are shown in graphic form on the truck's monitor and the various timber qualities are marked with different colors. The truck's position is shown in real-time and the driver is clearly notified about where timber should be picked up or dropped off. The driver can also create new storage spaces directly from the truck

www.gpstimber.se



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storaenso

"The driver doesn't need to hesitate"
Stora Enso Ala Sawmill produces 380,000 cubic meters of sawn timber every year making it one of the largest sawmills in Sweden. Stora Enso Ala Sawmill uses GPS Timber in order to secure the logistics.
"The driver receives quick notification and doesn't need to hesitate," says Erik Sjölund, Sawmill Manager.

Driving the wrong way used to be a problem at Stora Enso Ala Sawmill, but now the truck drivers do not need to think about where they should put the timber they have in the grapple.

"It's made things easier for us. If the driver has been ill or on parental leave, we don't need to waste time on telephone calls and questions. He can go in and start working immediately," says Erik Sjölund. The drivers can see on their monitors exactly where the material should be placed – the bay set to receive the timber is marked with a different color to the others.

"They can see at an early stage if a bay is on the way to becoming full and they can also keep the different quality characteristics of the piles separate. At the same time, we can follow their work in the timber yard from a central position," explains Erik Sjölund.

GPS Timber is developed by Cartesia
in cooperation with DataPolarna.

Cartesia is an IT company with a focus on providing specialist competence, products and solutions within the fields of handling geographical information, geographical data and positioning technology. DataPolarna is a consultancy company with more than 10 years of experience of custom application development within the mining, transport and sawmilling industries.

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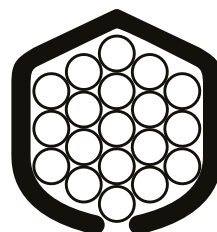


"We've got better control over what's in stock"
Martinsons is one of Europe's largest manufacturers of glued laminated timber and 220,000 cubic meters of sawn timber is produced annually at the sawmill in Bygd-siljum. Bo Lundström works as a truck driver and he sees many advantages with GPS Timber.
"We've got much better control over what we have in stock," he says.

Bo Lundström has been driving using the GPS Timber system since December 2006 and he appreciates the support he receives.

"Before, we could get muddled up and put the timber in the wrong place. Such mistakes are extremely rare now. There is a considerable improvement," he declares and is backed up by Sören Sund, Truck Supervisor at Martinsons.

"It's perfect, especially if you change personnel. You can immediately see where you should pick up the timber and where you should drop it off. The system has also given us a level of flexibility we didn't have before. Before, we always had a certain order to the stacks of timber, but now it is easy to shift stacks and piles if necessary," says Sören Sund.



GPS TIMBER

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