



ForestKEY Transport Application

ForestKEY-Transport – Efficient and Seamless Timber Transport



ForestKEY-Transport is a user-friendly and practical application developed by Metsäavain as part of the ForestKEY application family, specifically designed for managing roundwood transport operations. The ForestKEY-Transport application offers a modern solution for streamlining timber logistics and related business activities, the application features tools for work management and roadside timber storage coordination.

Why choose ForestKEY-Transport

- ☑ Simplifies and streamlines the management of roundwood transport
- ☑ Real-time data sharing between all stakeholders enables seamless workflows
- ☑ The application is comprehensive and versatile, yet easy and straightforward to use
- ☑ The application is customizable to meet different customer specific needs
- ☑ The application can be used on both desktop computers and mobile devices
- ☑ The application is reliable, cost-effective, and practical

Overview

ForestKEY-Transport is a user-friendly and affordable application to use for all stakeholders involved in timber transport. The ForestKEY-transport application enables modernized digital management of roundwood transport tasks. The application is versatile and flexible, and its structure allows the system to be tailored precisely to the customer's operational needs—for example, it can be customized into a specialized tool for energy wood logistics.

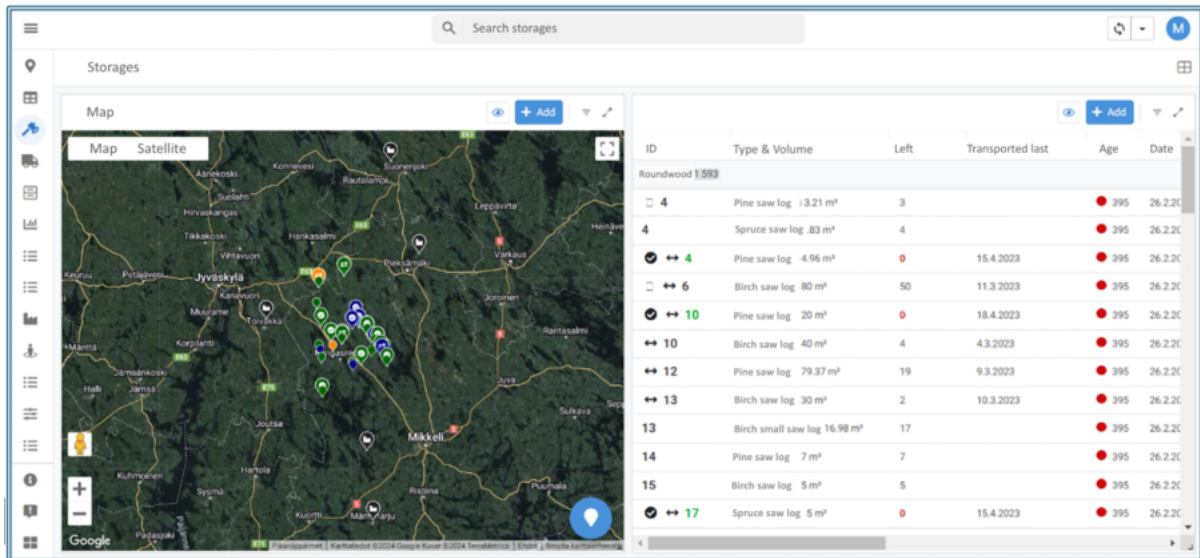
Following the current trends of digitalization, ForestKEY-Transport makes the everyday work of timber logistics professionals easier by enabling real-time information exchange. All necessary data can be centralized into one application— becoming accessible whether the work is done from an office, at home, in the forest, or from a timber truck cab.



Application Description

ForestKEY-Transport has a clear and simple visual layout. The application consists of multiple views that are tailored based on different user roles. Color coding and symbols make it easier to view data, and it is also possible to add photos to the application. The application possesses a map view which displays roadside storage locations for the wood piles and the facilities to which the timber is meant to be transported. The main user of the application (typically a logistics coordinator) adds wood piles into the map along with their scheduled transportation time and destination.

Prioritizing and monitoring the working tasks is easy, as drivers record all transportation and the related data in the application through their personal interface. In addition to the geographical location, information related to timber piles can include, for example, timber types, their proportions of the total pile volume, and how long the piles have been stored roadside. The data columns are customized according to the customer's needs.

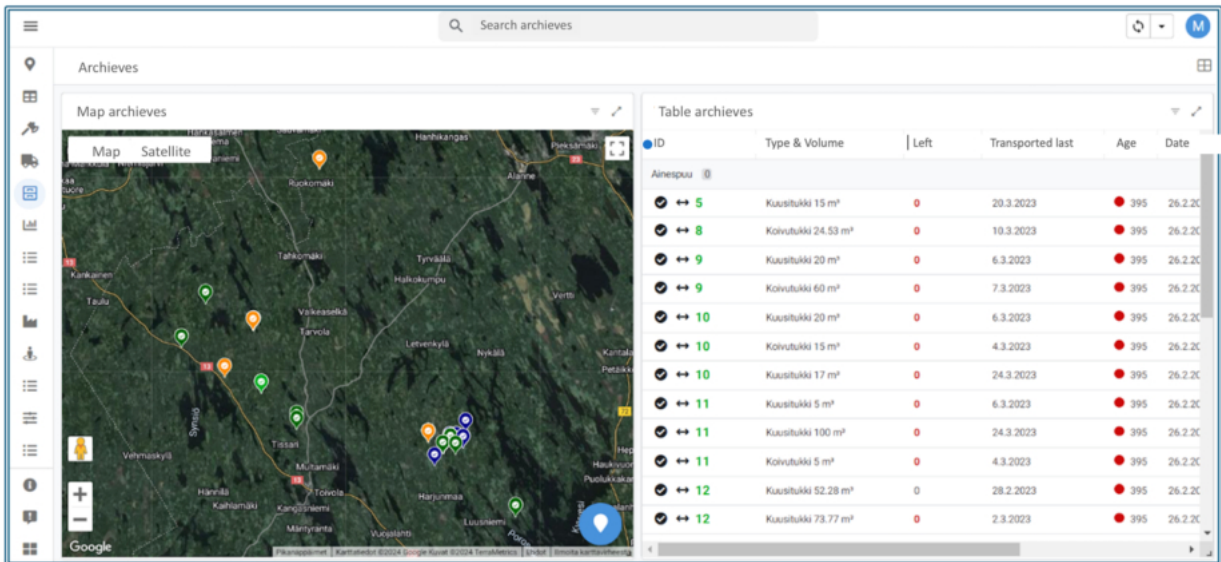


Storage Locations View: Combines map and table views. The map can show the exact position of each timber pile and the necessary information for each timber pile.

Date	ID	Kilometres	Type	Volume	Destination
28.2.2023	CKV-275 295024	64,00	Kuusitukki	52,00	Anaka Wood Ltd Oy
28.2.2023	12	70,00	Kuusitukki	9,00	Anaka Wood Ltd Oy
1.3.2023	16	50,00	Kuusitukki	35,00	Anaka Wood Ltd Oy
1.3.2023	16	50,00	Kuusitukki	5,00	Anaka Wood Ltd Oy
1.3.2023	17	30,00	Kuusitukki	20,00	Anaka Wood Ltd Oy
2.3.2023	12	90,00	Kuusitukki	74,00	Isveden metsä Oy
4.3.2023	10	0,01	Koivutukki	15,00	Koskisen Oy Hirvensalmi
4.3.2023	11	0,01	Koivutukki	5,00	Koskisen Oy Hirvensalmi
4.3.2023	10	0,01	Koivutukki	36,00	Koskisen Oy Hirvensalmi
6.3.2023	52	120,00	Mäntytukki	55,00	Kieppi Sawmill Oy
6.3.2023	10	70,00	Kuusitukki	5,00	Anaka Wood Ltd Oy
6.3.2023	10	73,00	Kuusitukki	20,00	Anaka Wood Ltd Oy
6.3.2023	9	73,00	Kuusitukki	20,00	Anaka Wood Ltd Oy
6.3.2023	11	70,00	Kuusitukki	5,00	Anaka Wood Ltd Oy
9.3.2023	11	90,00	Kuusitukki	85,00	Isveden metsä Oy

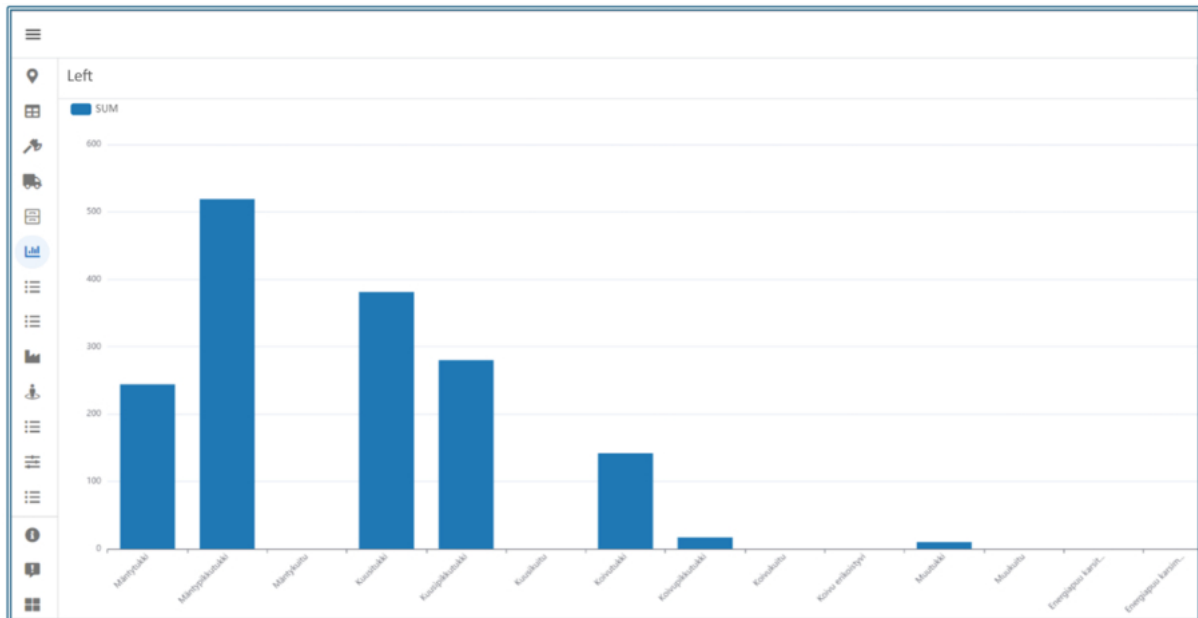
Transport View: Lists all active transport tasks with full details.

The main user assigns different transportation tasks to different drivers, who receive notifications in their own application view about the assigned transportation tasks. The driver then records what type of timber was transported, where the load was delivered, and when the transport took place. Completed tasks are marked as done, after which they are automatically moved to another view.



Archive View: Contains all the completed transportation tasks. The view contains both map and tabular formats.

Additionally, the ForestKEY-Transport application also includes statistical views, such as bar charts of remaining transport tasks and summaries of completed transport by timber type. The views can be filtered, for example, by year or destination.



Remaining Tasks View: Allows visual analysis of the remaining tasks by timber category.

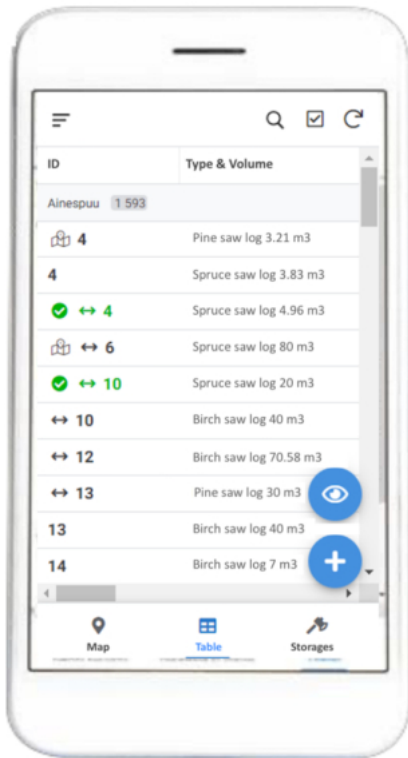
Besides transportation coordinators and drivers, the application can also be used by chipping operators, forestry contractors, forest owners, customers, and subcontractors.

Forest owners	
Haapamäki Teemu	0
Hakkarainen Minna	0
Hokkanen Ismo	3
Hokkanen Jukka	0
Huoponen Heikki kp	0
Häkkinen Juha	0
Häkkinen Mika	7
Häkkinen Pasi	0
Kerminen Heikki kp	0
Kolari Anja	0
Koivonen Heikka	0

Forest Owners View: Forest owners can be added to the system by the main user.

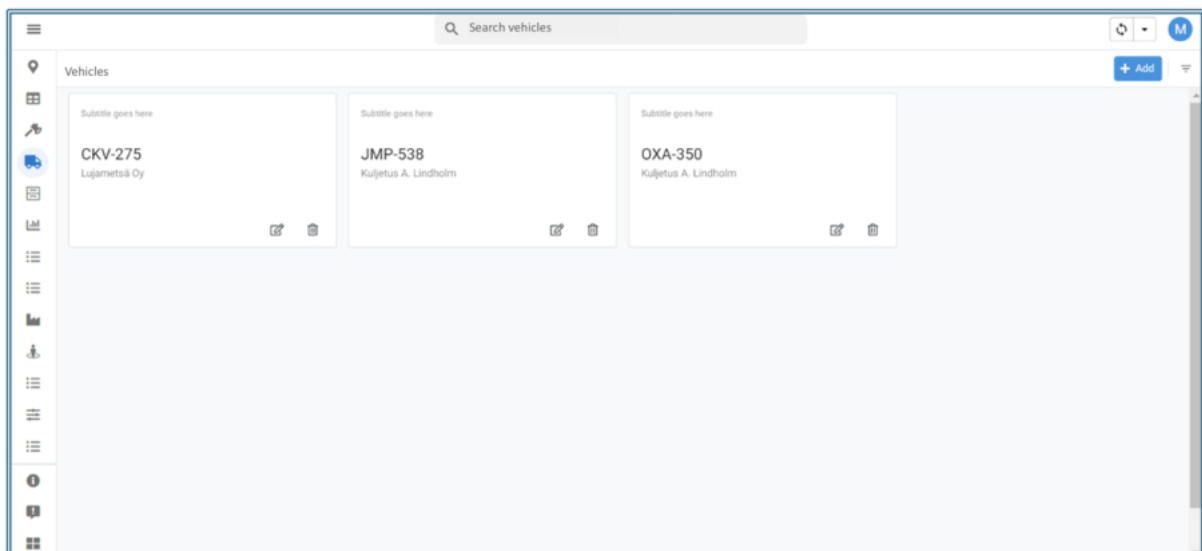
Contractors	
HJL-Metsätimi Ky	
Hankintapuita	
Metsä Lahikainen	

Contractor View: Lists of all logging and transport contractors involved in the operations.

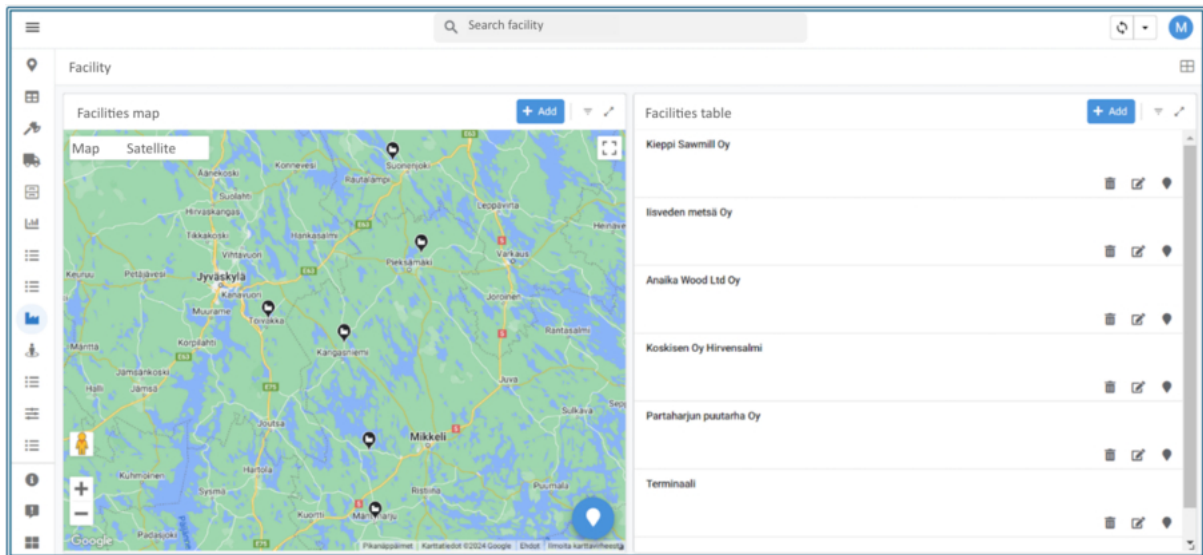


The mobile version is well-suited for drivers in daily operations.

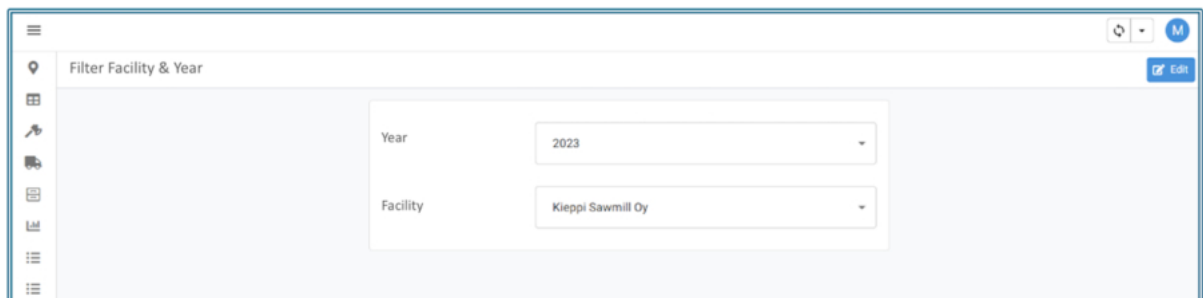
More pictures from the desktop version of ForestKEY-Transport



Vehicles View: Central hub for all vehicles and their data used in timber logistics.

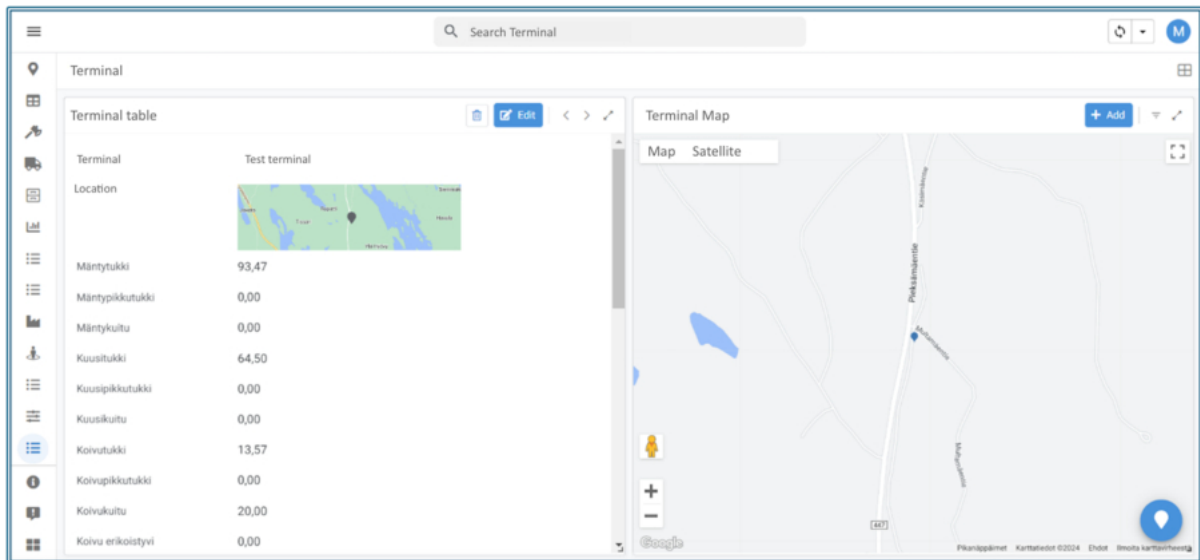


Facilities View: Map and table of all mills and plants receiving transportation of wood.



Facility	Year	Month	Sum	Birch saw log	Birch S saw log	Birch saw log %	Pine saw log	Pine S saw log	Spruce saw log	Spruce S saw log	Pine p
Kieppi Sawmill Oy	2 023	1	0,00	0,00	0,00	0,00%	0,00	0,00	0,00	0,00	0,00
Kieppi Sawmill Oy	2 023	2	0,00	0,00	0,00	0,00%	0,00	0,00	0,00	0,00	0,00
Kieppi Sawmill Oy	2 023	3	883,98	0,00	0,00	0,00%	863,98	0,00	0,00	0,00	0,00
Kieppi Sawmill Oy	2 023	4	0,00	0,00	0,00	0,00%	0,00	0,00	0,00	0,00	0,00
Kieppi Sawmill Oy	2 023	5	0,00	0,00	0,00	0,00%	0,00	0,00	0,00	0,00	0,00
Kieppi Sawmill Oy	2 023	6	0,00	0,00	0,00	0,00%	0,00	0,00	0,00	0,00	0,00
Kieppi Sawmill Oy	2 023	7	0,00	0,00	0,00	0,00%	0,00	0,00	0,00	0,00	0,00
Kieppi Sawmill Oy	2 023	8	0,00	0,00	0,00	0,00%	0,00	0,00	0,00	0,00	0,00
Kieppi Sawmill Oy	2 023	9	0,00	0,00	0,00	0,00%	0,00	0,00	0,00	0,00	0,00
Kieppi Sawmill Oy	2 023	10	0,00	0,00	0,00	0,00%	0,00	0,00	0,00	0,00	0,00
Kieppi Sawmill Oy	2 023	11	0,00	0,00	0,00	0,00%	0,00	0,00	0,00	0,00	0,00
Kieppi Sawmill Oy	2 023	12	0,00	0,00	0,00	0,00%	0,00	0,00	0,00	0,00	0,00
Yhteensä	2 023		883,98	0,00	0,00		863,98	0,00	0,00	0,00	0,00

Filter View: Enables filtering of data, e.g. by year or facility— Filtered criteria can be customized to customer specific needs.



Terminals View: Displays all intermediate terminals on both map and table.



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