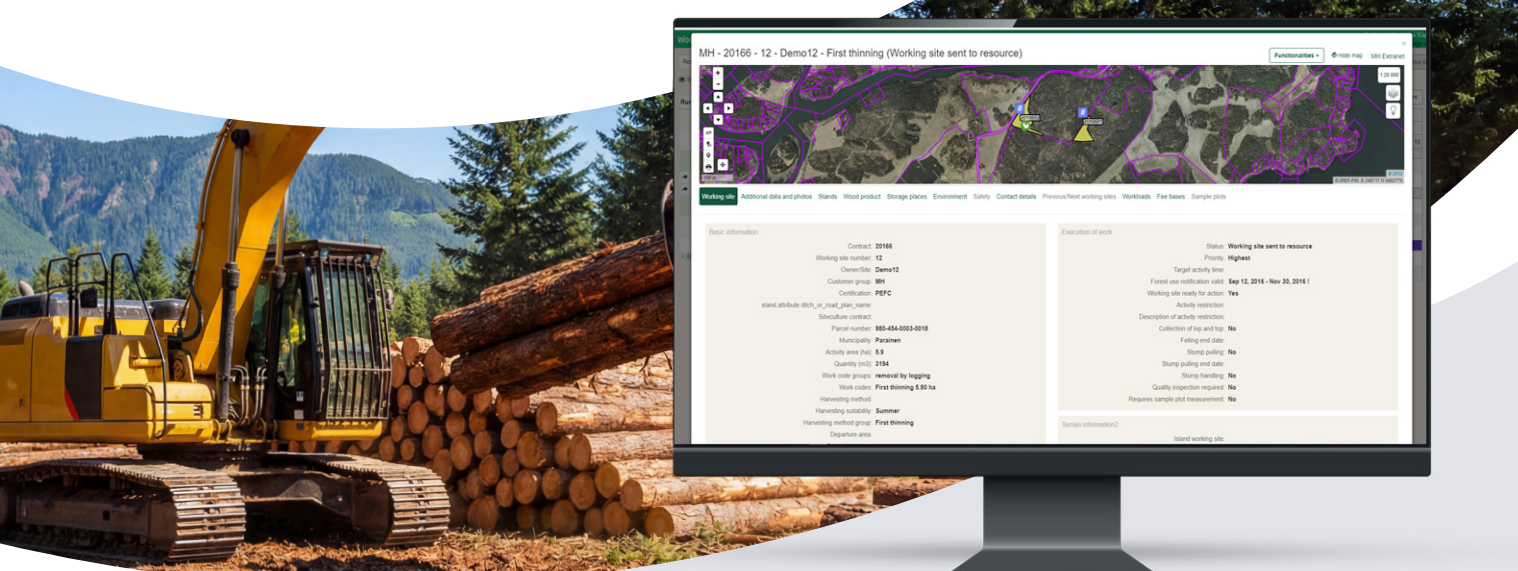


Trimble CF Harvest

SOFTWARE



Real-time fleet management
for logging

Trimble® CFHarvest is a web-based software service with the flexibility to suit diverse business processes within the forest industry worldwide.

Manage mixed fleet harvest operations in one system with CFHarvest. Don't just follow the output of your harvesting operations, enable real-time mixed fleet management for maximum efficiency of dynamic logging operations.

Trimble CF Harvest

Software

Component Capabilities

PLANNING APP

- **Data Integration:** Automatically receives working site data from CFForest via CF-HUB using JSON messages in XML format.
- **Administrative Management:** Allows users to create and manage resources, users, teams, and automated notifications for stakeholders.
- **Core Navigation Views:** Reserve List - A grid view for viewing all working sites and their key information; Resource Calendar - A scheduling tool to manage work timelines for each resource; Map View - A geographic overview of all sites with customizable base maps and overlay options.
- **Detailed Site Information:** Data is organized into specific tabs, including: Site administration and contract information; Products: Details on what needs to be felled; Deliveries: Details on what needs to be forwarded; Storage locations and stand boundaries.
- **Customization:** Users can edit specific site information and add custom map symbols to the data received from CFForest.
- **Automated Production Follow-up:** Provides real-time tracking of estimated volume, felled volume, forwarded volume, and forest stock (felled vs. forwarded). Additionally, information updates fully automatically at the product level whenever a production message is received from a resource.
- **Order Management:** Tracks "Orders" created within the app or received via external systems; Summarizes production across entire harvesting operations; Supports targeting by organizational area, specific product, destination, and flexible time periods.

ON BOARD APP

- **Standards Compliance:** Operates using the StanForD 2010 standard, the industry benchmark for mechanized harvesting.
- **User Access:** Machine operators log in to view specific working sites assigned to their resources; data is synchronized with the Planning app and CFForest.
- **Unified Interface:** A single application serves both harvesters and forwarders, with functionalities adapting based on the Working Site Status (e.g., Available, Planned, Sent to Resource, Harvesting Started, Felling Ended, Forwarding Started).
- **Map Integration:** Utilizes the same basic and overlay maps across all CFHarvest applications for operational consistency.
- **Automated File Creation:** Harvesters - Automatically generates OIN (Administration) and PIN (Product) files for the machine control system and Forwarders - Automatically generates FOI (Administration) and FDI (Delivery) files.
- **Production Data Flow:** Supports automated production file creation at set intervals and automatically sends production files (HPR from harvesters, FPR from forwarders) back to the Planning app, reducing manual work for operators.
- **Quality Control:** Handles and presents harvester control measurement results (caliper data) via HQC files.
- **Operational Tools:** Mapping: Add new map symbols and record automated GPS routes for both harvesters and forwarders; Visualization - Displays harvester log piles directly on the map; Communication - Enables messaging between operators and between the machine and the office; Analysis - Includes features for sample area creation (thinning density), final audits, workload tracking, and driven mileage.

FIELD OPERATION APP

- **Device Compatibility:** Designed for use on cell phones and tablets.
- **Data Consistency:** Provides access to the same information and maps available in the Planning and On Board apps.
- **Support for Older Machinery:** Can be used for production reporting in older forwarders that do not have a Windows PC.
- **Functional Parity:** Offers nearly the same functionality as the Windows-based On Board app.
- **Production Reporting:** Supports frequent production notifications and route recording via GPS.
- **Site Preplanning:** Enables users to prepare working sites with specific map symbols and data, including: Recording paths from storage locations to the site using GPS, Marking locations for info/warning signs, and Identifying machine unloading points and truck turning points.
- **Automated Syncing:** All preplanning information is automatically transferred to the harvesting working site.
- **Post-Harvest Workflows:** Supports specialized reporting for stump extraction, stump forwarding, and other standard clear-cutting workflows.

Available languages

English



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