

CONNECTED FOREST™

Forest: Land Resource Manager

SPATIALLY INTEGRATED LAND AND FOREST MANAGEMENT

Trimble Forestry's CONNECTED FOREST™ Forest: Land Resource Manager (LRM) solution is an intuitive and easy-to-use Enterprise application for managing tabular and spatial information within the land and forest business. LRM serves the critical function of land and forest resource planning, management and decision support with a range of highly configurable components tightly integrated to address customer specific business workflows and operational requirements.

Land Resource Manager is tightly integrated with the Portal for easy web access, query and delivery of stakeholder information.

LAND RECORDS

Manages all property information and related documentation associated with land rights, encumbrances, tax, surface and sub surface ownership parcels. Tracks all parcel history and facilitates workflow event triggers and assignments.

PERMITTING AND LEASING

Tracks, monitors and reports on value added revenue generation. Manages spatial and attribute workflows for all stakeholders by optimizing the timberland asset associated with leases, rights



REAL ESTATE TRANSACTIONS

Supports the real estate portfolio business functions and planning stages of the land sale process. Legal transactions (dispositions, transfers and purchases) are spatially tracked with the related documents. As properties are split or merged, bought or sold, the system archives all related spatial and attribute history.

HARVEST PLANNING

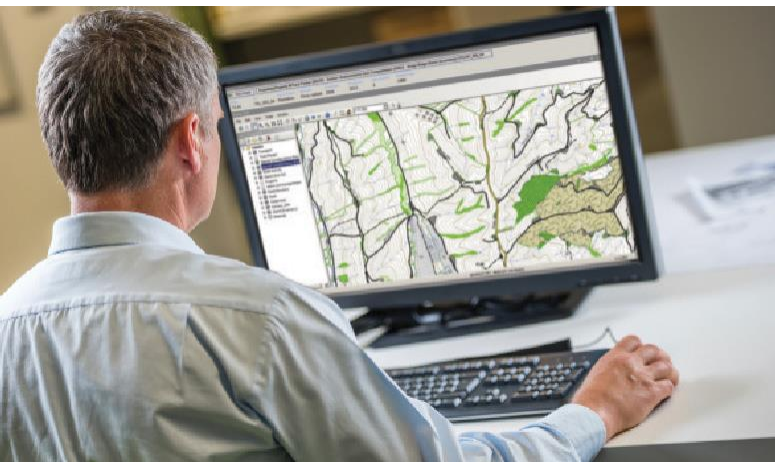
Supports the business functions and features required by Foresters, Engineers, Planning Superintendents, Resource Managers, Timber Marketing, and Contractors to create, schedule, manage, and monitor activities, budgets, costs and performance associated with the planning process.

Tracks the planning events from the layout to the creation of the plan at both the operational and landscape level. Required approvals, alerts, issues, permits and the sequence of tasks can be efficiently scheduled, tracked, mapped and reported on. Designed to improve methods for variance reporting, planning, organizing, and executing forest plans; enhancing supply chain efficiency and improving competitiveness.

Key Benefits

- ▶ Synchronized Field Data Update (Disconnected Or Connected)
- ▶ Spatial Awareness, Analysis and Intelligence
- ▶ Integrated Land Administration (Real Estate, Land Records, Leasing)
- ▶ Inventory and Growth Management
- ▶ Planned vs Actual Variance Reporting
- ▶ Real time Harvest Planning, Activity and Performance Tracking
- ▶ Ad-hoc Reporting, Data Query and Mapping
- ▶ Supports Certification, Compliance and Government Regulatory Reporting
- ▶ A Common Platform for Real-Time Harvest Planning , Activity and Performance Tracking





Key Features

WOODFLOW

- ▶ Effective forest harvest scheduling requires comprehensive data associated with market demand, constraints, crew/equipment availability and timber inventories.
- ▶ The Land Resource Manager solution supports the entire supply chain and associated information needed to deliver real time harvest schedules and optimized woodflow.

SILVICULTURE

- ▶ Allows users to view, edit, update, validate, and query information relevant to Silviculture business functions and compliance reporting.
- ▶ Provides the ability to plan, manage, and track silviculture obligations, activities and costs from the planning stage to completion.
- ▶ Encompasses the stewardship and use of forests and forest lands to maintain productivity and regeneration capacity at a corporate level.

INVENTORY

- ▶ Provides view, edit, update, and display of fibre inventory for assessment and analysis of the value, uses and risks. This includes the management of attributes such as species, DBH, height, site quality, age and defects.
- ▶ Interacts with growth and yield models and provides the ability to export, import and store multiple sets of projection data.
- ▶ Facilitates the archive and management of blocks/stands/ compartments and associated volume information and delivers comprehensive information about the state and dynamics of the forest for strategic and management planning.

ROADS AND INFRASTRUCTURE

- ▶ Manages all road attributes including road inventory and the type of events located on the road (bridges, culverts, gates, pits etc.).
- ▶ Workflow event tracking provides efficient scheduling and action planning for inspections, permits, maintenance, deactivations and road construction.
- ▶ Additional infrastructure features such as invasive species, fire lines, land lines, powerlines, wildlife, timber damage, strategic ownership entities, and research topics can also be tracked, managed and mapped.

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