



ATLAS

GeoMaster

Forest Management Software
All your Forest Information at your Fingertips



Provides easy access to all data

Maintains a full history of all forest operations and information

Powerful GIS interface

Highly configurable

Management

ATLAS GeoMaster doesn't just keep records, it's a tool for planning and managing all activity in the forest. Primarily it manages operations, and in ATLAS GeoMaster what matters is where an operation occurred, not necessarily where the stand boundaries are. The progress of operations can be tracked from inception to completion, including assessments.

Environmental

Through its flexible structure ATLAS GeoMaster can support environmental issues such as recording the incidence of pests or rare fauna. It allows active amounts of applied chemicals to be recorded to verify environmentally responsible management practises. Along with forest operations, ATLAS GeoMaster also records natural "events" that may have affected the forest.

The Bigger Picture

ATLAS GeoMaster draws on, and supports many of the other ATLAS products. For example, its tool for generating random plot locations supports assessment products like ATLAS Cruiser and ATLAS SilviQC. The results of assessments can subsequently be recorded in ATLAS GeoMaster for querying and reporting. In particular, expected yields for a harvest area in ATLAS Harvest Manager can be derived from underlying stand yields as supplied by ATLAS Cruiser or ATLAS Yield Table Manager.

ATLAS GeoMaster at a Glance

Feature:	Benefit:
Centralised access to data	As a central repositior, ATLAS GeoMaster provides ready access via queries, reports and maps to all forestry related information for all users in the organisation.
Financial tracking	Unique job numbers enable operations in ATLAS GeoMaster to be linked to finance systems and enable cost tracking.
Business planning	ATLAS GeoMaster enables operations to be planned well into the future so they can be budgeted and prepared for.
Environmental management	ATLAS GeoMaster isn't just about production forestry, it can manage the whole estate, including reserve areas and riparian zones.
Spatial interface	All the powerful capabilities of the GIS can be exploited on the manager's desktop while maintaining full integrity with the forest management system.
GIS independence	Users who do not require a spatial interface can operate ATLAS GeoMaster independently of GIS and have full update, query, and reporting access.
Complete history	It is possible to view (and edit) the structure of the forest estate at any point in time, including previous rotations. This reduces dependence on the institutional knowledge of key individuals.
Flexibility	There is plenty of scope for users to define specific events, assessment attributes, and other properties. Customised behaviour can also be provided for clients.
Secure database	ATLAS GeoMaster can be configured so that the data cannot be directly accessed/updated by other applications (e.g. Microsoft Access).
Database access	While blocking direct access to the database, ATLAS GeoMaster can still allow other applications (e.g. MicroSoft Excel) to view, extract, and update data via its COM interface.
Future-proof	Based on traditional SQL, the data can easily be ported to other database platforms. Similarly, GIS data can easily be ported to other systems.



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