AMERICAN FOREST MANAGEMENT

Connecting Data to Decisions: AFM's Integrated Resource Planning with Remsoft

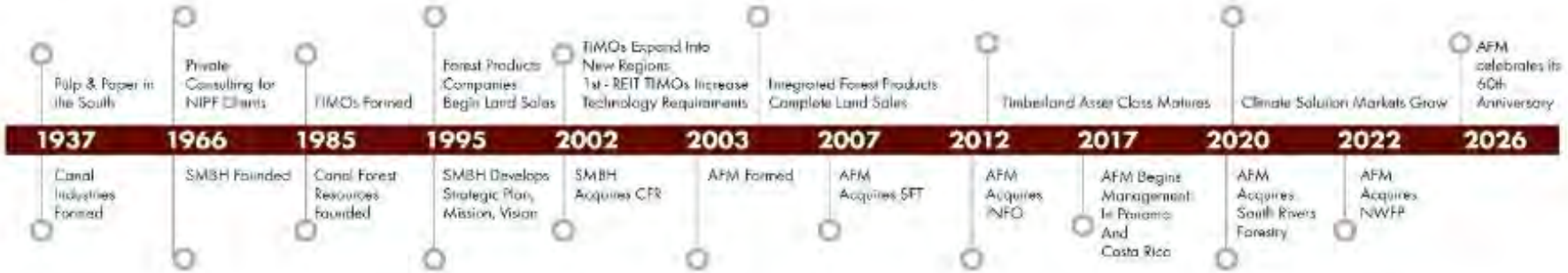
WE'RE IN THIS **TOGETHER**

AmericanForestManagement.com

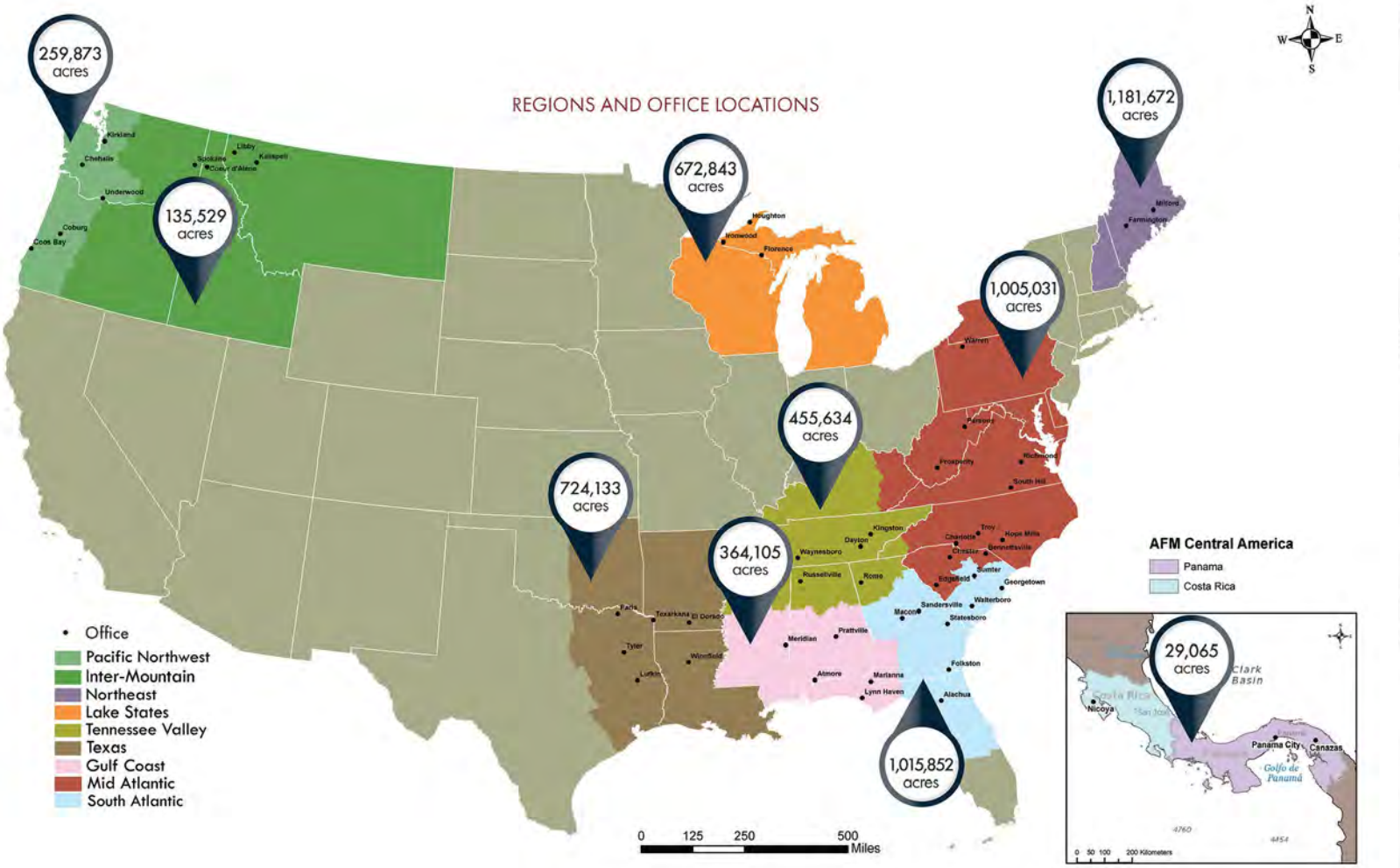
AFM Mission and Vision

American Forest Management (AFM) is a leading provider of natural resource solutions delivering comprehensive value-added land management, forest technology services, and rural land real estate services.

- Our vision is to make land ownership more rewarding by helping people explore the full potential of their land.
- Our mission is to surpass expectations by creating custom natural resource solutions.



Office Locations and Acres Under Management



Our Clients

AFM serves over 1,200 clients of various types and sizes providing bespoke resource solutions by offering a suite of services that clients can choose from. Some clients seek turn-key property management services and other clients only need a select number of services or one-off projects.

Our client base is diversified and includes:

- Timber Investment Management Organizations (TIMOs)
- Direct institutional investors
- Public Timber REITS
- Family offices and high net worth individuals
- Private companies (forestry, oil/gas/minerals, electric power)
- Small and mid-size non-industrial private landowners
- Federal, state, and local government agencies
- Native American Tribal Organizations
- ENGOs and conversation organizations

Repeatability

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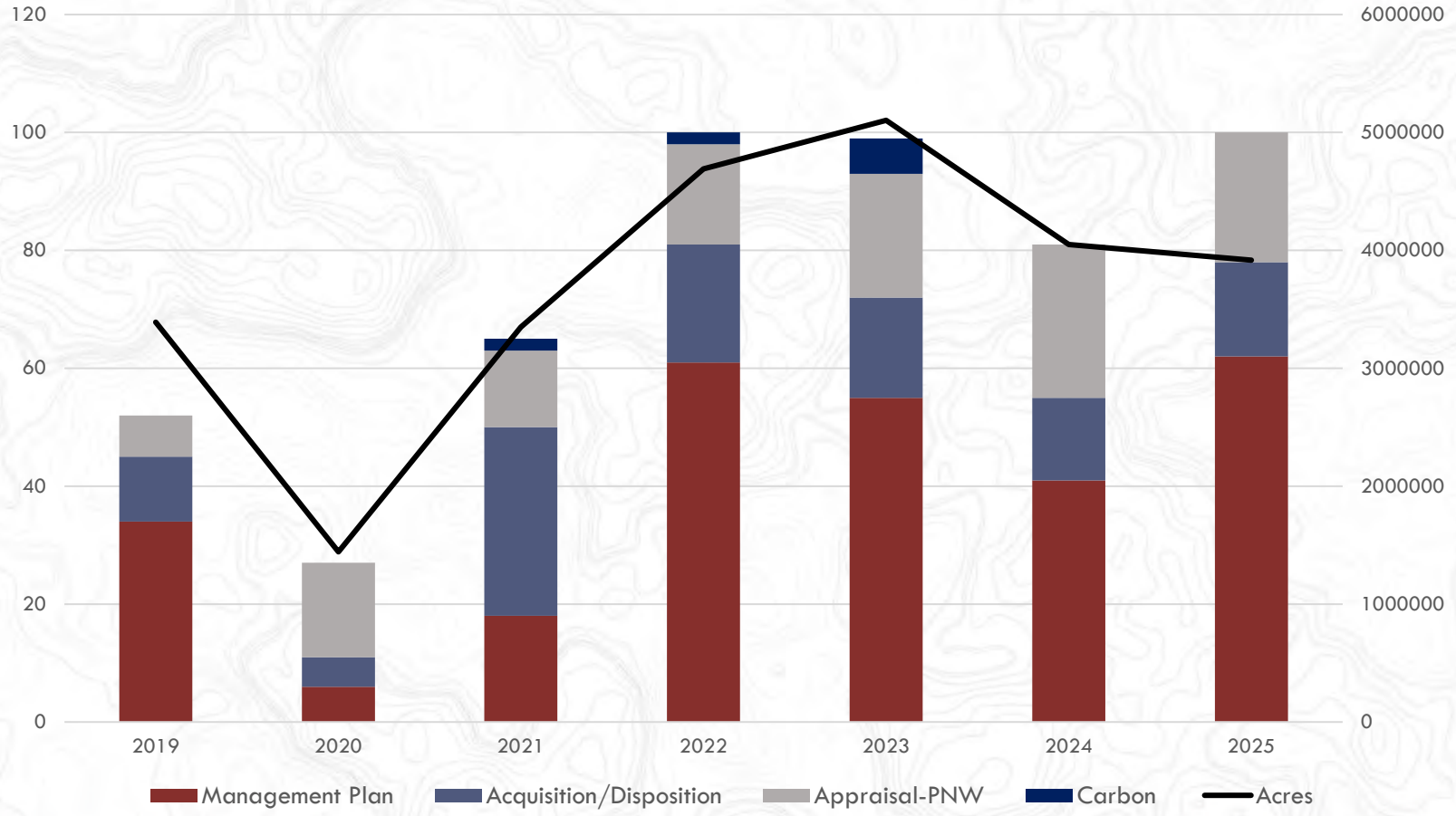
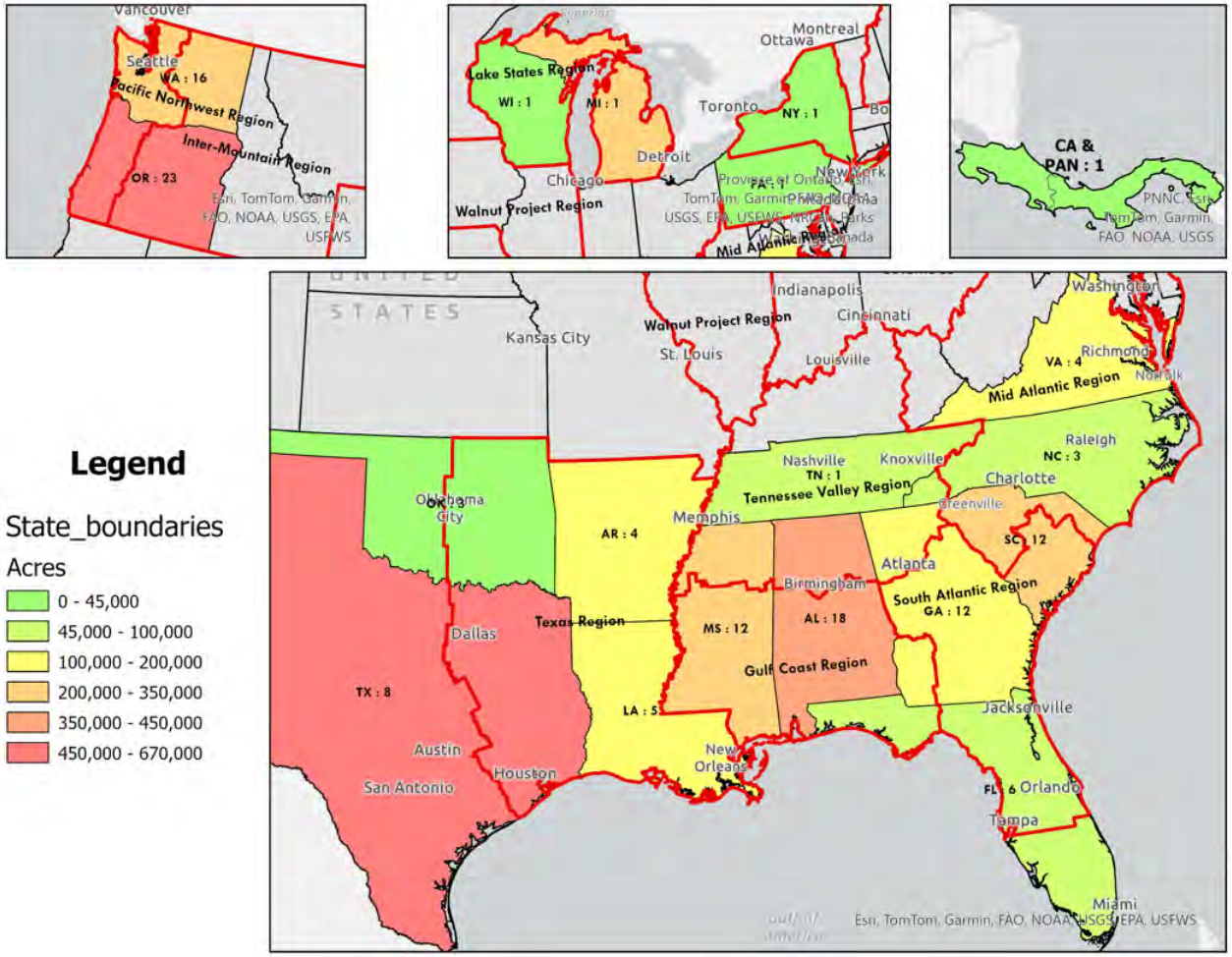
Annual Number of Models and Acres Modeled in Woodstock



Scalability

Geographic Distribution of 2025 Models



Evolution of Remsoft Tools at AFM

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2002 – First **Woodstock**/Mosek license

2006 – Developed DLLs for growth and yield in US South

2009 – Use of **Publisher** for Remsoft's Tactical Planner

2010 – Increased application of **Spatial Optimizer**

2012 – Expansion into regions outside of US South

2014 – Implementation of **Remsoft Analyst for Excel**

2016 – Use of **Integrator** to integrate large yield sets into models

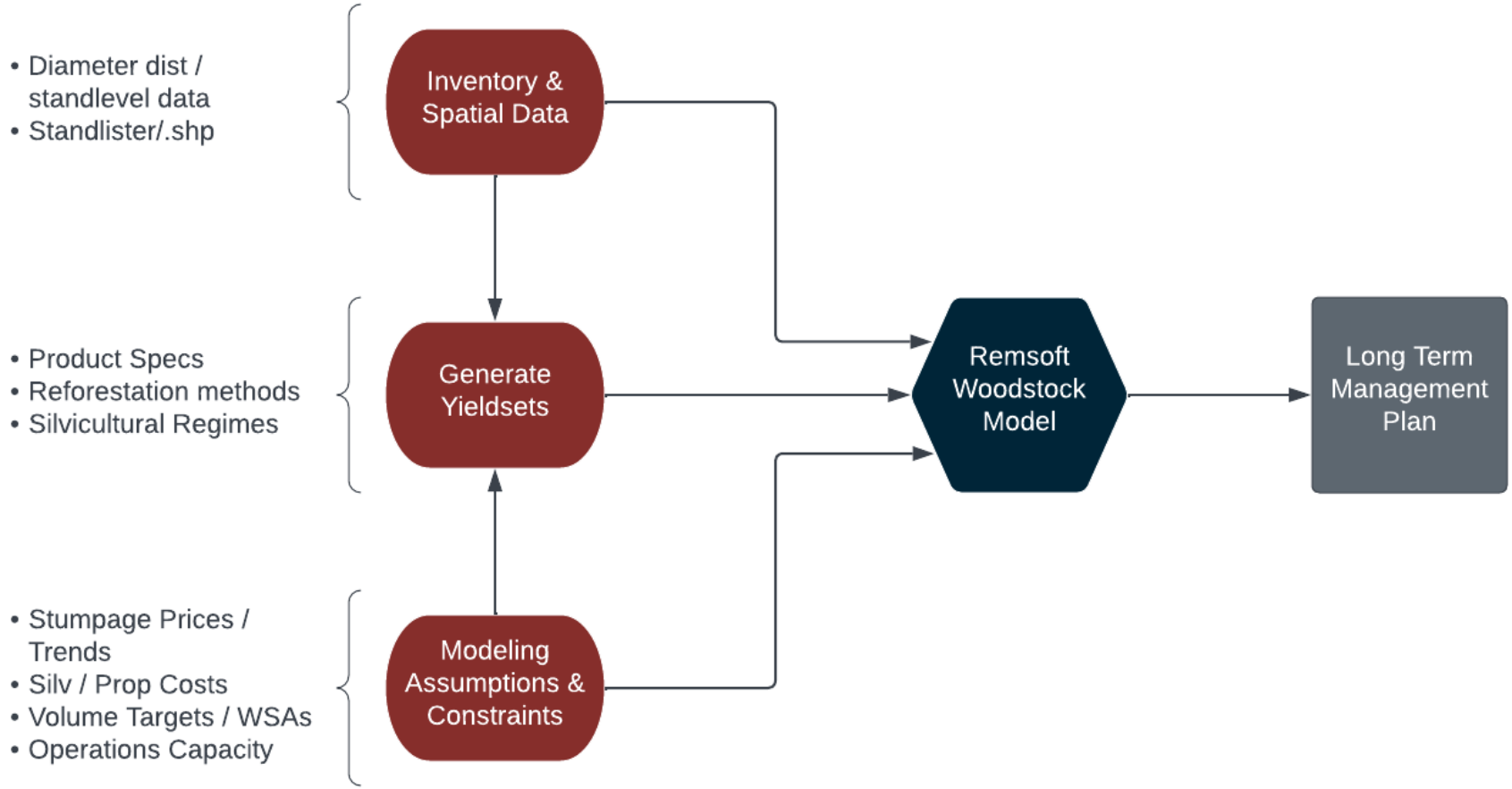
2019 – Launched **Inflor** as AFM's in-house data management system

2020 – First model using **Allocation Optimizer**

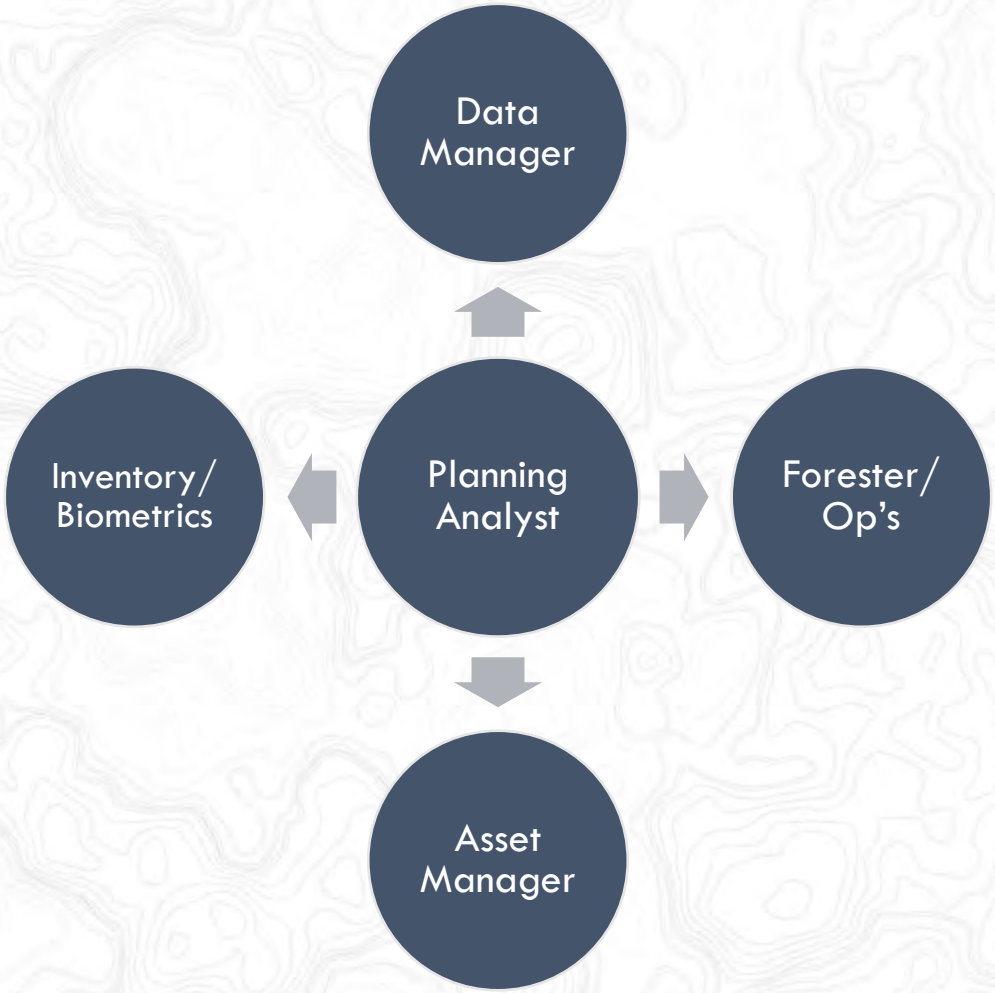
2022 – Full use of Integrator **.Template** into regional template models

Today we have 10+ Analysts and Appraisers
using a range of Remsoft tools

Resource Planning Workflows

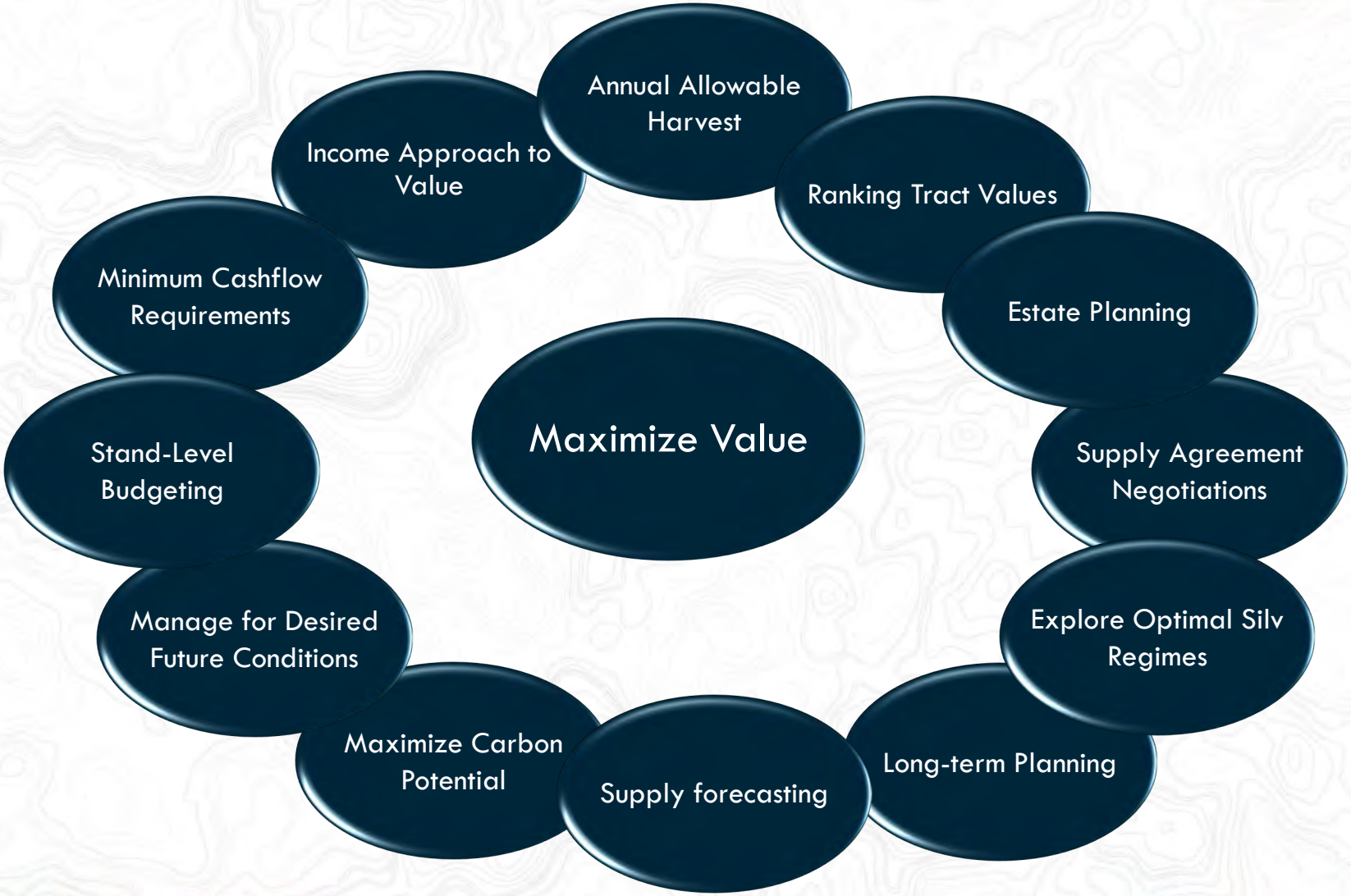


Resource Planning Stakeholders



Many Business Goals and Initiatives

One Woodstock Model



Emerging Trends in Resource Planning

Increased Data Precision

- Utilizing higher precision inventory data
- Increased temporal & spatial resolution with remote sensing
- Increased complexity in mapping and modeling timberlands
- Managing in-stand variability

More Stakeholders with Varying Objectives

- Evolution of customers
- Environmental objectives & ecosystem services
- Climate change mitigation
- Maximizing non-timber income potential

Complex, Multifaceted Problems

- Informing decisions in changing timber and land markets
- Forecasting changes and risk
- Inclusion of unique rules & regulations over time

Case Study #514
Guiding Investment Strategy

12,000 acres across Mississippi and Alabama acquired by Institutional Investor

- Property historically managed for timber investment, with conservation opportunities

AFM Manages land, data, accounting, and technical services

- Increased data precision

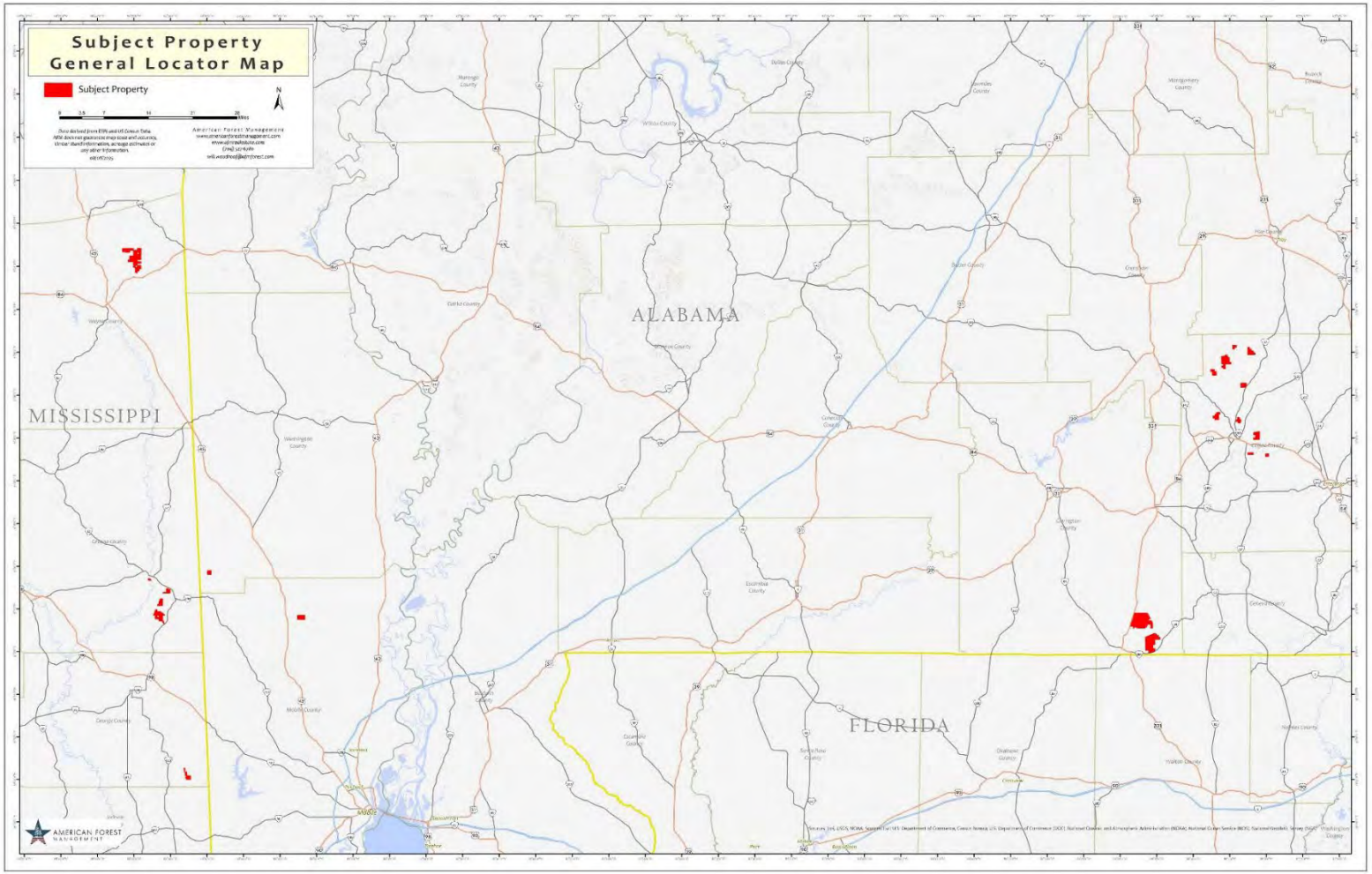
Landowner's objectives and initiatives

- Optimize net revenue from timber operations with focus on sustainability, climate change mitigation, and biodiversity.

Unique Challenges

- Insufficient data, species codes, forest typing, operability, availability, silvicultural history
- Certification and conservation requirements
- Geographically disperse
- Reporting requirements

Case Study #514 Location Map



Case Study #514
Typical Modeling Challenges

Multi-purpose planning

- Long-term planning
- Annual allowable harvest
- Tactical planning and budget preparation
- Data examination

Insufficient data

- Species and forest typing updates
- Operability and future availability

Constraints

- Near-term constraints and activity on specific stands
- Operational constraints to smooth harvest levels and avoid end-of-horizon impacts

Aligning Stakeholders' Objectives

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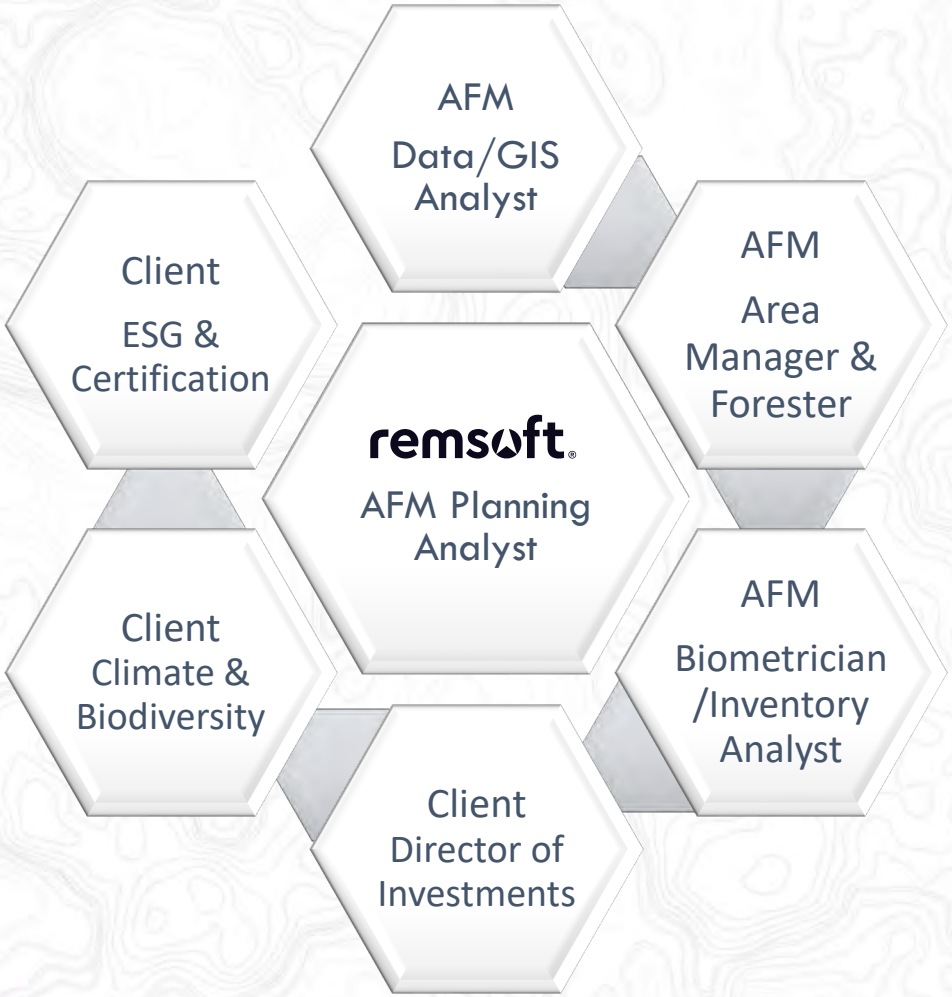
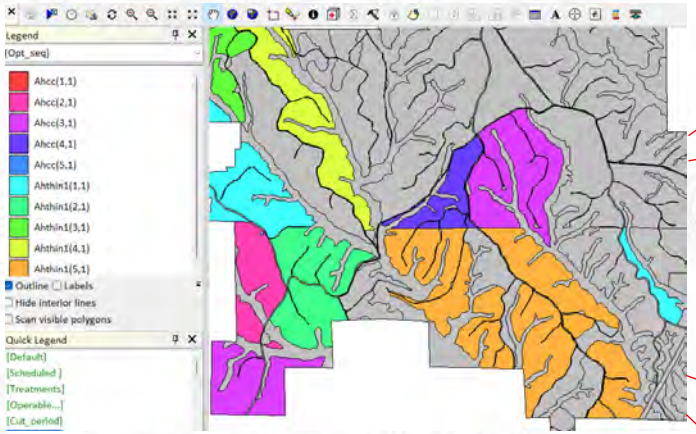
INFLOR

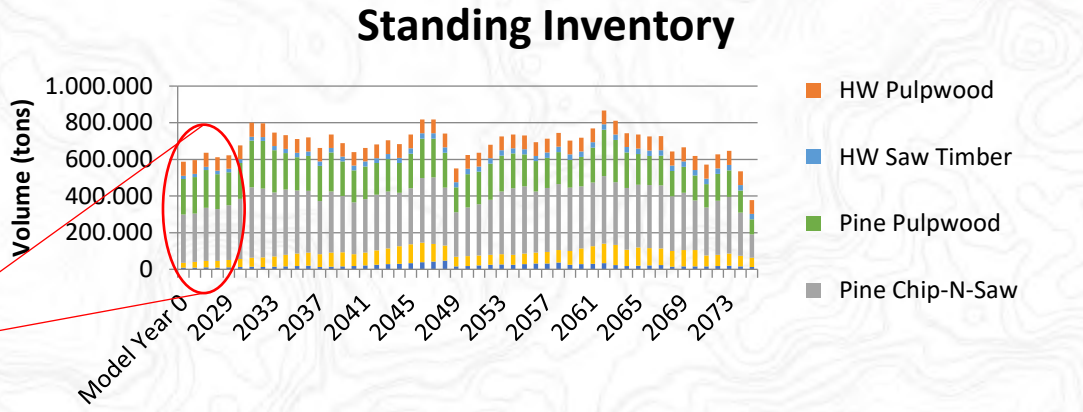


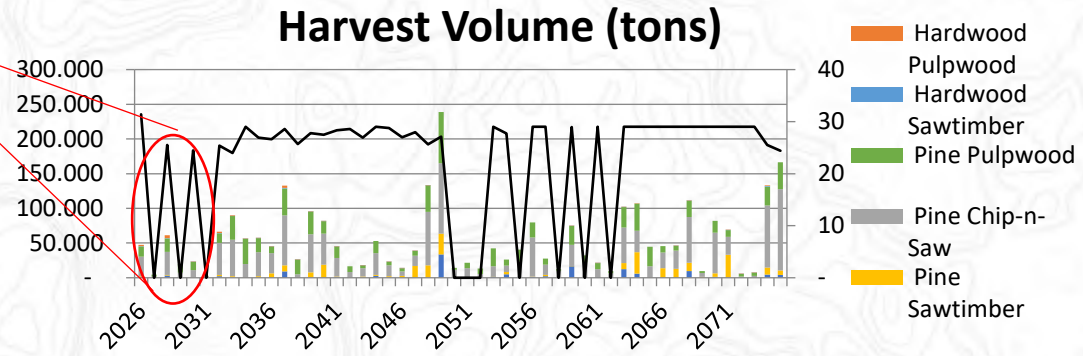
Case Study #514
Tackling the Challenges

- Modeled two distinct market zones
- Worked with field personnel and data manager to update data
- Modeled longleaf pine restoration areas to show future impact
- Distinct set of timber yields with adjusted product specifications and units for carbon reports
- Used Woodstock Playback used to write reports to feed downstream models

Case Study #514
Unified Strategic and Tactical Plan







Case Study #514
Next Steps to Enhance Planning

- Use Spatial Optimizer to apply spatial constraints for operational feasibility and compliance with certification.
- Implement additional alternative management strategies for key conservation areas.
- Incorporate restrictions on specific areas to serve conservation objectives.
- Utilize updated inventory and stand information from Inflor
- Integrate Inflor budgeting tool with Woodstock model

Resource Planning: Looking Ahead

Increased data precision and spatial modeling

- Integration with Inflor data management platform

Attention to non-timber values across the asset

- Modeling non-timber income and ecosystem services

Telling our story

- Increased reporting requirements, documentation, and metrics

Integrated planning connects forest data to decisions making to support the credibility of investor strategy