



Remsoft Analytics delivers cross-asset optimization resulting in better managed costs and risks, increased transparency, provable justification, right time/right place decision making, and sustainable results

REMSOFT ANALYTICS

For Transportation Asset Management

Remsoft Analytics is an advanced analytics solution that enables complex, long and short term planning across a diverse set of asset classes such as bridges, pavement, tunnels, culverts and roadside facilities. In addition, the solution offers an unprecedented level of collaboration and allows detailed scenario exploration—resulting in rapid time-to-value.

Remsoft Analytics enables collaboration across departmental and agency silos to craft workable strategic and tactical plans that are based on goals and grounded in cold, hard facts.

Departments of Transportation at all levels can use Remsoft Analytics to more effectively manage risks, costs and decision complexities, while creating sustainable value and providing transparent, defensible plans that are based on mathematical certainty.

REMSOFT ANALYTICS—FOR TRUE CROSS-ASSET OPTIMIZATION

- Consider multiple and conflicting priorities in modeling and analysis activities, in the face of legislative and regulatory mandates, such as habitat protection, shrinking budgets, mounting public scrutiny, etc.
- Explore a wide number and variety of scenarios, which include dissimilar asset types and enable fresh, creative insights and approaches that go well beyond the traditional “fix worst first” mind-set.
- Perform complex trade-off analyses with highly disparate constraints, within and across asset classes.



Remsoft Analytics Solution Portfolio

At its foundation our solution has a common, collaborative model that is built and shared using:

ADVANCED ANALYTICS AND PREDICTIVE MODELING PLATFORM

All the sophisticated tools modelers need to explore multiple scenarios, and build in constraints of all kinds. It allows modelers to start with whatever data and constraints are known and easily refine the model over time.

COLLABORATIVE ANALYTICS PLATFORM

Tailored, end-user applications that enable decision analysis and scenario comparison by a wide range of “non-modelers,” such as business analysts, planners, auditors, investors, asset owners and corporate executives.

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For decades companies, governments, consultants, universities and others have used Remsoft software to master the complexities that are inherent in today's business environment.

BENEFITS OF REMSOFT ANALYTICS INCLUDE:

Better manage costs by:

- Providing models and tools that can be used to justify operating and capital budgets
- Enabling intelligent/predictive activities
- Removing inefficiencies and waste
- Optimizing processes
- Improving margins

Better manage risks by:

- Providing transparency to how decisions and plans are developed, enabling a better understanding of the current situation, defining a path for longer-term planning with on-time, on-budget delivery and creating insights that go beyond "fix worst first" to better manage spending and asset conditions.
- Creating actionable plans and schedules that balance business needs with constraints of all kinds, including environmental, governmental and other compliance mandates.
- Exploring a wide range of scenarios—performing "what ifs" and examining trade-offs across asset types—with the end result of assuring thorough due diligence in risk planning/mitigation [e.g. the ability to trade safety for habitat for speed and so on].

React to changing needs – via capabilities that enable model creation and update in days and hours—not months—so that operational changes and unexpected events [legislative, natural or otherwise] can be assessed and acted upon quickly. What's more, organizations can "feedback" actual results into the model.

REMSOFT ANALYTICS SOLUTION PORTFOLIO FOR TRANSPORTATION ASSET MANAGEMENT

Remsoft analytics is not an asset or pavement management system, an inventory/condition tracking solution or a depreciation curve calculator.

It is a planning tool that uses data from these and other systems to perform advanced analytics and find the best answer to problems given a set of constraints and priorities across and within all assets.



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