



PROFESSIONAL SERVICES

- Software customization, integration, and deployment to meet agency-specific needs and policies.
- Work with clients to develop optimal long-range network-level improvement programs and perform detailed scenario and trade-off analysis.
- Provide evidence-based recommendations for developing asset management plans and budget submissions.
- Provide hands-on training on effective use and configuration of software to help teams get up to speed quickly.

AWARD WINNING SOLUTIONS

IDS Solutions have been recognized with the prestigious Innovation Award from the American Society of Civil Engineers.

IDS Solutions are the **only** solutions in the market that are guaranteed to generate **"truly optimal"** long-range network-level asset improvement programs.

We build our reputation on a strong commitment to provide our clients with exceptional solutions and outstanding service.



+1306 790 1415
+1306 591 0862



INFO@IDS.CONSULTING
WWW.IDS.CONSULTING



2 RESEARCH DRIVE
REGINA SK S4S 7H9
CANADA



DISCOVER THE POWER OF MULTI- OBJECTIVE OPTIMIZATION

LONG-RANGE NETWORK-LEVEL
ASSET IMPROVEMENT PROGRAMMING



UNSURPASSED OPTIMIZATION UNPARALLELED PERFORMANCE



OPTIMIZE HIGHWAY PROGRAMS

Develop long-range network-level bridge and pavement improvement project lists that minimize risk, maximize condition, and minimize lifecycle costs.

QUANTIFY FUNDING & PERFORMANCE TRADE-OFFS

Discover relationship between funding levels and system condition and risk metrics. Accurately assess impact of funding scenarios and determine funding needs to meet performance targets.

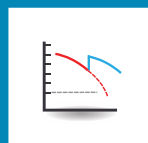
HIGH-PERFORMANCE CLOUD-BASED PLATFORM

Access scalable high-availability and secure Software-as-a-Service (SaaS) anywhere anytime using a web browser.



OPTIMIZED PROJECT SELECTION

Optimally allocate budget to the right infrastructure improvement projects at the right time.



INDUCTIVE MULTI-VARIATE DETERIORATION FORECASTING

Predict future condition using novel machine learning algorithms that automatically discover deterioration models from historical data.



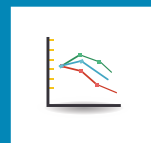
AGENCY-SPECIFIC MODELS OF IMPROVEMENT ACTIONS

Define constraints, costs, and effectiveness models of alternative preservation, rehabilitation, and replacement actions.



DASHBOARDS AND REPORTS

Create dynamic content-rich reports and dashboards to share important information with other users.



SCENARIO ANALYSIS

Evaluate long-range system-level impact of funding scenarios, and determine required funding to meet desired performance targets.



CRITICALITY AND RISK ANALYSIS

Analyze asset criticality and quantify risk of structural and functional inadequacy



ADVANCED ANALYTICS

Intuitive query and analytics functions to assess and visualize current and historical asset data.



CLOUD SERVICES

Access secure online services with flexible licensing options and subscription plans.



EVIDENCE-BASED ASSET MANAGEMENT PLANS

Achieve regulatory compliance and build comprehensive and defensible asset management plans.



RISK-BASED PRIORITIZATION

Use risk metrics to rank bridges and road sections to reflect urgency of preservation and improvement projects.



GEOSPATIAL DATA INTEGRATION

Use rich GIS functionality to create, query, save, and share map layers based on asset data and improvement programs



CUSTOMIZABLE

Customize software based on your agency's data, models, and constraints. Easily exchange and share data with other asset management tools.