THE PLATFORM THAT TRANSFORMS YOUR TRAFFIC DATA INTO INFORMED DECISIONS

Safer networks.
Better use
of budgets.

A centralized solution
powered by CIMA+,
to simplify transportation
management, analysis
and planning.

tes.ca

AN INTEGRATED AND SCALABLE PLATFORM FOR ROAD NETWORK MANAGEMENT

TES is a solution designed to help transportation authorities manage their networks in a more dynamic way that is tailored to real-world conditions. By continuously collecting and harmonizing data on network characteristics, collisions, traffic and other key indicators, the platform provides a consistent and up-to-date view of the network.

THE FUNDAMENTALS

Continuous data integration

Data on network characteristics, collisions, traffic and other key indicators are integrated on a regular—even automated—basis to reflect real changes in the network.

Advanced predictive models

Algorithms analyze multiple factors (changes in traffic flow, collision history, presence of vulnerable users, etc.) to anticipate areas of risk before they even arise.

Automated priority analysis

The tool automatically generates lists of priority sites based on established criteria, speeding up analysis and optimizing resource allocation.

Here are the main modules that make up the platform:

Collisions: Data analysis and creation of collision diagrams.

Traffic study: Compilation and analysis of traffic counting and speed data. Automated assessment of the quantitative parameters required to justify the installation of stop signs at each approach of an intersection, or traffic lights in accordance with provincial standards. Estimation of annual average daily traffic (AADT).

Asset maintenance: Upkeep of maintenance history and observations on the condition of road signs and traffic lights. Real-time progress of maintenance operations, staff and equipment assignments, and the cost of each activity.

Road safety: Identification of road safety issues and classification of problem locations using advanced modelling and risk assessment tools based on Highway Safety Manual (HSM) best practices. Prioritization of interventions according to the Vision Zero approach.

PROVEN RESULTS

Integrated into CIMA+'s offering, TES draws on solid expertise in mobility and road safety. Using proven technologies, the platform provides a comprehensive and scalable environment to support the implementation of strategies aimed at improving road networks.

ADVANTAGES

- **A single platform** comprising connected tools—eliminating double entries—ensures traceability and enhances decision consistency
- **Clear and better-targeted investments** for transparent and easily justified decisions, thanks to automated evidence-based prioritization
- **A real-time view of network developments**, made possible by continuous data integration, allowing new trends to be tracked quickly
- **A flexible solution**, adapted to local contexts and customizable according to each authority's priorities, constraints, user types and operating context
- **Comprehensive, turnkey support** including integration, configuration, migration and commissioning for efficient deployment and optimal use of the platform
- **A bilingual interface and service**, available in French and English to facilitate the work of all users across Canada

TES offers a modern, proactive, data-driven approach that helps achieve long-term gains in safety and network performance.

REQUEST A DEMO

Already used by more than 50 cities and transportation authorities in North America, TES proves its reliability and impact on road network management every day.

SEE TES IN ACTION TODAY

Discover how this solution can transform the management of your road networks and help you achieve your safety and efficiency goals.

Contact us:

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CIMA+

TES

Learn more

tes.ca

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