

# SERVING THE TRANSPORTATION SECTOR



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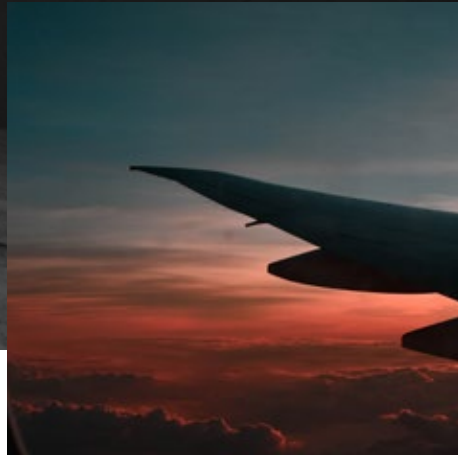
# Serving The Transportation Sector

Goods, material, and people need to move. Constantly and efficiently. Increasingly that means the proper implementation of a coherent digital transformation strategy.

Experience makes the difference; our work with international airports, and major urban transportation networks has helped us become experts in diagnosing, planning, and implementing mobility solutions.

How does the transportation sector keep moving? Technology and innovation. The first is its driving force, the second, the fuel it needs. We offer both, in quantity.





## Transportation Sector Knowledge

Cofomo works in close collaboration with the largest companies in the Canadian transportation sector to develop and implement avant-garde solutions that align business strategies with technology.

Its understanding of the challenges related to this sector of activity and its numerous achievements make Cofomo an ideal partner to ensure the mobility of tomorrow.

**Cofomo offers the following services:**



## Clients

Cofomo's significant participation in the transportation sector has given it an exceptional expertise from which clients benefit directly. For over five years an average of 25% of Cofomo's revenues have come from the transportation sector, a powerful testament to its strong presence and solid knowledge of this segment.

## Issues and Initiatives

From infrastructure to new technologies, the transportation sector must adapt to new realities and changing market conditions all while increasing the efficiency of the transportation system.

**To overcome these challenges and ensure that transportation networks remain reliable, safe, environmentally responsible, and well-maintained, stakeholders work together to drive innovation by developing and deploying new technologies. Some of these initiatives include:**

- creation of collision avoidance systems;
- reduction of emissions;
- optimization of performances (environment and safety);
- optimization of multimodal information systems;
- improved controls.



## Expertise

Cofomo's consultants leverage their profound understanding of these major issues, which allows them to work on large-scale projects that enable large organizations to accelerate progress towards their business objectives.

**Here are some examples:**



# 01 →

## Intelligent Transportation System (ITS)

A system for the control, technical realization, and development of functionalities for the improvement of user services management and operation.

- development
- architecture
- quality assurance
- project management

### A.

**Increased monitoring** of several types of vehicles using on-board GPS, 24/7 and in real time

### B.

**Analysis of events** on the network to ensure better management

### C.

**Visualization on plan** of the routes, in real time, and of the history of the routes

### D.

**Improvement of the processes** in the refreshment of the data on screen at 5 seconds instead

### E.

**Availability of analytical functions** (automatic logging, improved access to management data, etc.)

## 02 →

### Operation and Passenger Information Support System (OPISS)

OPISS is intended to improve the operation and management of operating vehicles while assuring consistency of service for numerous large transportation sector projects.

- development
- analysis
- intergration
- migration
- project management

#### 40% EFFICIENCY GAIN

##### A.

**Fast and smooth intergration** to minimize adjustments to processes and practices

##### B.

**Disparity mitigation** for better controle over the message and faster feedback management

##### C.

**Creation of a pole** of knowledge and change agents for the teams concerned

##### D.

**Efficiency gains** in the consolidation of certain activities in the analysis and testing phases

# 03 →

## Positive Train Control (PTC)

Implementation of a system of functional requirements for the monitoring and movement of trains across multiple North American locations.

- business analysis
- project management
- telecommunications
- architecture
- system configuration
- quality assurance
- risk management

### PARTICIPATION IN APPROXIMATELY 30 PROJECTS

#### A.

**Intergration** of communication and network components (optical fiber, microwave)

#### B.

**Validation** of satellite positioning system tests

#### C.

**Development** of the wayside signalling system

#### D.

**Computer-aided dispatch** and desktop server systems “back-office”

#### E.

**Development** and installation of on-board computers

# 04



## Mobility

Development of new iOS and Android applications that serve to enhance customer experience.

- business analysis
- project management
- architecture
- applicative development
- quality assurance
- solution integration

## VISIBILITY, OPTIMIZATION

**A.**

**Messaging alerts**

providing information on any changes affecting travelers (terminals, airports, etc.)

**B.**

**Development of**

**functionalities** for interactive maps, itineraries, services, promotional offers, etc.

**C.**

**Telecommunications infrastructure**

for the replacement and conversion of high availability systems (control tower, coordination center)

**D.**

**Automated notifications**

for registered customers, real-time data exchange, geolocation and control room set-up



# ABOUT COFOMO

Established in 1995, Cofomo is a Canadian leader in information technology (IT) and business consulting services, which translates today into the acceleration of client companies' digital transformation.

Its solutions cover the full range of business needs, including strategy, innovation, agility, intelligence, security, and cloud computing.

Its unique expertise is delivered through flexible on-demand project and talent delivery models.

A team of over 3,000 professionals provides these services to large private and public sector organizations, mostly located in Eastern Canada. This team is supported by a high-performance, lean organization and a state-of-the-art digital ecosystem to communicate with clients, acquire and manage talents and projects, and deliver the full services of the new digital economy.



**SPEAK WITH AN EXPERT TODAY**



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