

WITH QETO,
MAKE
SMARTER
DECISIONS!

SYSTRA

The decision-making platform
for mobility solutions



MAKE INSTRUMENTAL DECISIONS TO BETTER SERVE COMMUNITIES, AND IMPROVE MOBILITY SOLUTION PERFORMANCE

As asset owners, transport agencies or operators, you have to define relevant and future proofed models, anticipate demand for mobility, measure transport performance.

From transport planning to asset management, and across your entire city, you can improve your decisions by leveraging data.

You can extract meaning from complex fluctuating data sets.

SYSTRA is the ideal partner to help you extract value from your transport data. We combine deep understanding of transportation systems with digital skills.

WHAT IF YOU COULD LEVERAGE YOUR DATA FOR BETTER INFORMED DECISIONS?

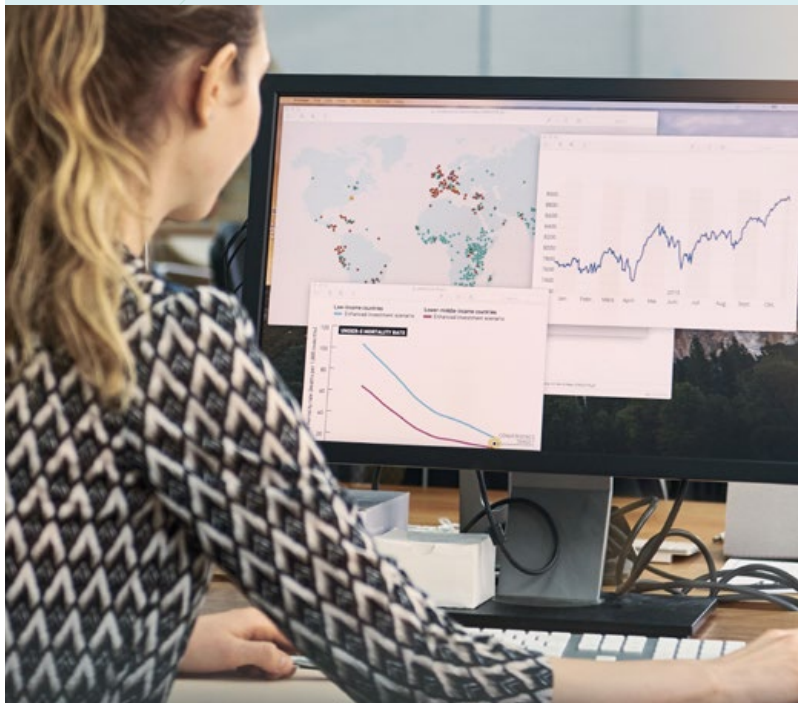
The right data analytics software can interpret trends and help to answer “what if” questions, modelling likely outcomes of different scenarios, simulating and visualising the impact of changes.

Build scenarios to test decisions, assess their impact and compare results

Collaborate with various stakeholders on scenarios

Shorten the decision process with easy-to-use products

Empower your operational teams for more distributed decisions

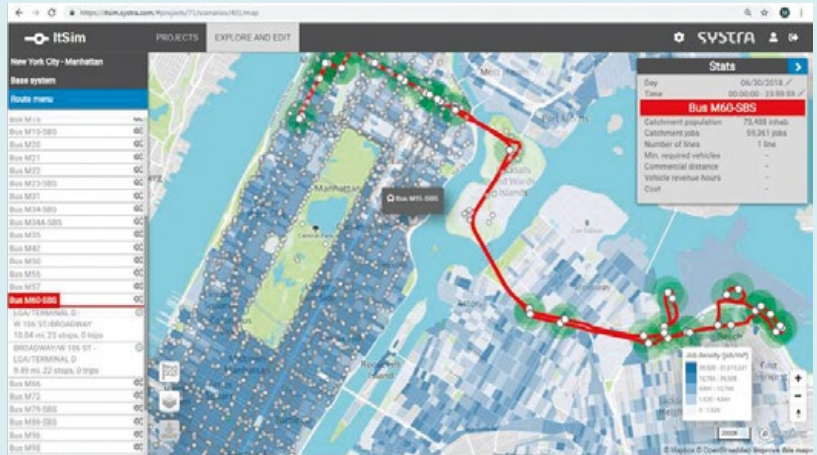


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EMPOWER YOUR DECISIONS FROM END-TO-END

→ QETO FOR TRANSPORT PLANNING

- Visualise the digital replica of your network
- Build scenarios & analyse your performance indicators
- Plan & optimise your investments



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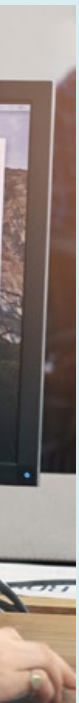
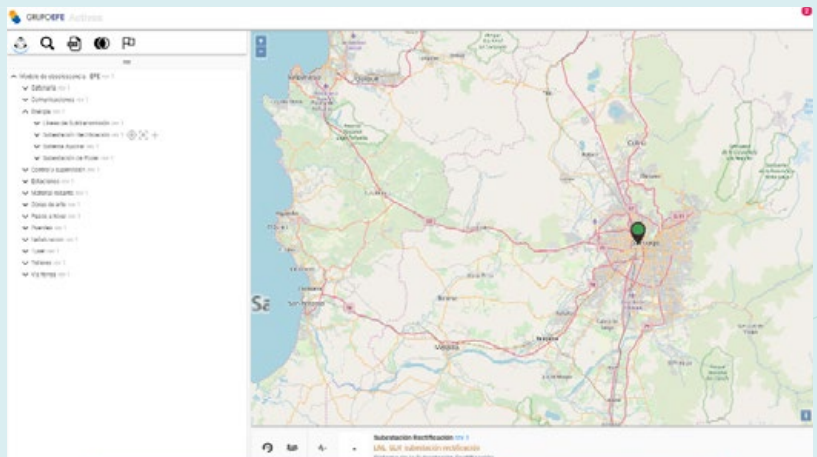


→ QETO FOR ENGINEERING & CONSTRUCTION

- Manage engineering & construction projects performance
- Build O&M-ready digital twin
- Monitor and optimise construction costs

→ QETO FOR ASSET MANAGEMENT

- Structure thorough asset register & cost base
- Visualise asset lifecycle
- Simulate investment scenarios and plan operations



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OUR APPROACH

We work as your partner to develop and implement on-demand applications to analyse, plan, design, support and monitor mobility solutions at every scale.

1. TOGETHER WE IDENTIFY

- Key business objectives
- Business cases
- Areas of improvement
- Key users

2. WE TARGET VALUE

- We design products that help you to capture value
- We start from real business cases and target added value: process efficiency, cost reduction, quality improvements, reduced painpoints, time saving...

WE CONNECT & LEVERAGE YOUR DATA AND IT SYSTEMS

- We help you to map data sources, workflows and dependencies:
 - Industrial data: SCADA, systems, IoT...
 - Business data: costs, operations, inspections...
 - Static or real-time data
- We provide robust and scalable tools to connect and integrate data streams

WE DESIGN FOR USERS

- We design easy-to-use products that seamlessly integrate into people's daily work
- The targeted value will be capture by final users and we concentrate on critical needs for intended users

3. EMPOWER YOUR OPERATIONAL TEAMS

- Visualise real-time data
- Build & collaborate on scenarios
- Measure performance
- Compare results
- Make performance-oriented decisions

4. USER SUCCESS

- User-friendly interface
- Service level agreement
- User support
- Training

DEVELOP AND POWER YOUR APPLICATIONS TO PLAN, DESIGN AND MANAGE ASSETS



MONITORING

Data acquisition from multiple sources: sensors, SCADA, IoT



DATA CONNECTORS

Connection to existing databases: GTFS, Bloomberg, Google analytics, JSON, CSV...



DATA MANAGEMENT

Extract, transform, load
Data storage and urbanisation, API



3D/BIM VISUALISATION

BIM or CAD objects



GEOGRAPHIC VISUALISATION

Maps and geographic data visualisation (GIS)



REPORTING

Meaningful dashboards and KPIs visualisation



SCENARIO & SIMULATION

Build and compare scenarios, simulate outputs



ARTIFICIAL INTELLIGENCE

Algorithms library: optimisation, machine learning, image analysis



OTHERS

Manual data entry for operators, augmented reality, workflows management, users management

YOUR BENEFITS

- Tailor-made applications
- Future proofed decisions based on robust scenarios
- Quicker decisions
- More agility in decision-making: special events, seasons, real-time data
- More distributed operational decisions, closer to final users
- User-friendly access to data and analyses
- More collaboration within your teams and with stakeholders

LEARN MORE ABOUT QETO



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