

# Junction Analytics

## Keep traffic flowing smoothly at intersections

### Overview

An out-of-sync traffic light network isn't just annoying, the stop-and-start driving it causes contributes to an increase in congestion and pollution and decrease in road safety. To help traffic and road authorities spot and minimize delays across signalized intersections, TomTom Junction Analytics draws upon GPS data from more than half a billion connected devices.

Via API, TomTom Junction Analytics connects you to rich, real-time traffic data that's available 24/7, without the need for expensive hardware. Using the companion web app, available from the TomTom MOVE Portal, you can configure and visualize intersection locations, and use intuitive analytics tools and reports to obtain detailed insights into signal performance and mobility patterns.

### Features

### Benefits

Extensive global coverage

Analyze intersections in 80 countries across the globe, with coverage of almost all urban roads and streets

Powered by 600+ million connected devices

Gain a trusted, real-time view of vehicle movements and signal performance at intersections

Flexible API integration

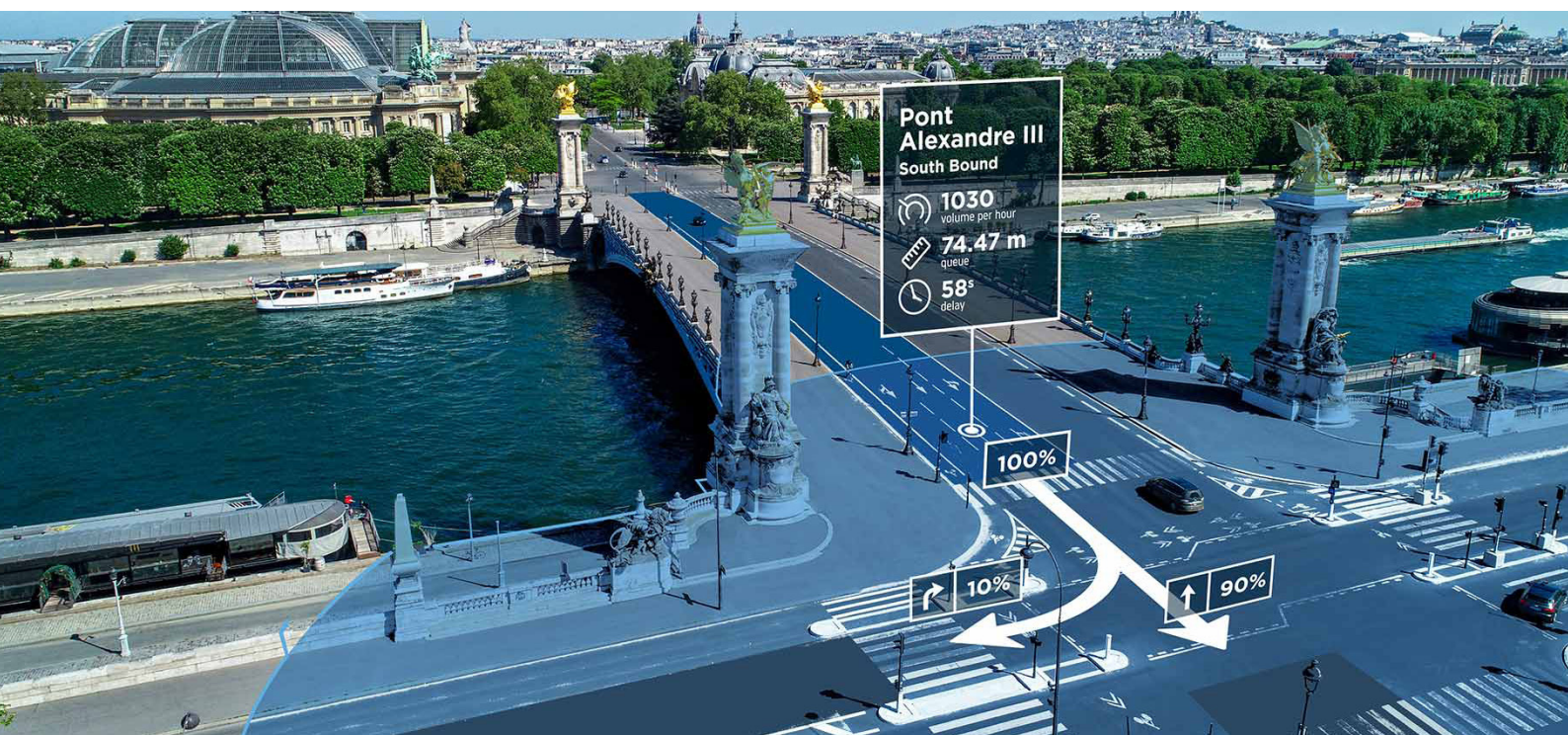
Use as a standalone solution or complement your existing hardware network with wider coverage and rich GPS data

Easy-to-use web app

Visually define intersections and explore data with easy-to-understand reports, charts and visualizations

Detailed metrics on travel times, turn ratios, queue length, stops per approach and more

Better understand intersection performance and mobility patterns and use the insights to improve traffic light timing, lanes and exits



## Sample applications

Potential use cases for TomTom Junction Analytics include:

- Traffic light optimization
- Intersection optimization
- Improved corridor performance
- Real-time traffic monitoring

## Product formats

TomTom Junction Analytics is available via Rest API and a companion web application, accessible from the TomTom MOVE Portal.

To view the API documentation for Junction Analytics and request access, visit [developer.tomtom.com/junction-analytics](https://developer.tomtom.com/junction-analytics)

To create your free TomTom MOVE account, visit [move.tomtom.com/register](https://move.tomtom.com/register)

