



## Istanbul Real-Time Traffic Information Provision (Turkey)

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### **The Project:**

Istanbul is the largest city in Turkey, with a population of over 14 million people. In recent decades, the traffic situation has worsened significantly, with significant levels of congestion during the busiest periods of the day. There was a need to increase road safety, for both pedestrians and drivers and to develop an effective traffic monitoring system. Efforts to address this have led to the development of a web-based traffic density map, and a mobile phone application that shows traffic density throughout the city, in addition to other important traffic information.

The development of these tools is managed by the municipality software team. Initial versions only presented data provided by the municipality, but in later versions data provided by other stakeholders is also used, which are being continuously added. Validated data from traffic management systems ensures car users are more aware of the current traffic situation, to allow for the increase in capacity across the network by more efficient route planning.

### **Current successes/problems**

These tools have minimised the time spent by drivers and pedestrians in the traffic, whilst decreasing the work load of the call centre that provides real time traffic information.

It became one of the commonly used implementations throughout the country with over one million users.

However, as with all smartphone applications, due to the variety of phones and operating systems, it can take a long time to ensure compatibility across all platforms.

