

**ABSTRACT****Method and system for automated supervision of short-term passenger flow  
in a transport network**

The invention relates to a method for automated supervision of short-term passenger flow in a transport network which comprises, at a first execution frequency, steps of learning and applying (42) long-term statistical prediction models making it possible to obtain predictions of reference and learning validations (44) of a single short-term prediction model, for a first prediction time, making it possible to obtain predictions of short term validations for a second prediction time shorter than the first prediction time. At a second execution frequency, which is greater than the first execution frequency: aggregating (46) the actual validation data, and applying (48) said single short-term prediction model to the aggregated validation data to obtain short-term validation predictions. An alert (52) is raised if the difference between reference and short-term validation predictions exceeds a predetermined alert threshold.

Figure for the abstract: Figure 2