

Abstract

The present invention concerns a method and a system (1) for dynamically adapting a passenger transport capacity of a transport line (L1-L3) to a number of passengers determined
5 for said transport line (L1-L3), said system (1) comprising:

- a main evaluation unit (10) configured for automatically determining, in function of the time, said number of passengers for the transport line (L1-L3);
- a processing unit (13) configured for acquiring said number of passengers in function of the time, a nominal
10 timetable, a nominal passenger transport capacity of each vehicle (V1-V12) of the line (L1-L3), and for applying a trained function to said number of passengers in function of the time, wherein said trained function has been
15 trained by a machine learning algorithm for automatically predicting a future temporal evolution of said number of passengers, the processing unit (13) being further configured for automatically determining a measure for
20 adapting the transport capacity of the line to said future temporal evolution;
- the system (1) being further configured for applying said measure to the transport line (L1-L3).

Figure 1