CLAIMS

1. A method for setting a premium for an insurance of a transport task, comprising:
recording, for each of a plurality of transport tasks that have been performed, a delivery time necessary to perform the transport task and information about weather conditions when performing the transport task;
determining a correlation between weather and delivery time from the recorded delivery times and the recorded weather conditions;
determining, for a transport task corresponding to a booking to be performed for a customer, a route for performing the transport task, and acquiring, from one or more sensors, measurement data about a weather condition along the determined route; and
setting a premium for an insurance against delayed delivery for the transport task according to the weather condition and the determined correlation between weather and delivery time,
wherein the method further comprises determining a customer segment to which the customer belongs using k-means based identified attributes of the booking, and setting the premium further depending on the customer segment.

2. The method of claim 1, wherein setting the premium comprises calculating a dynamic adjustment from the weather condition and the determined correlation between weather and delivery time and setting the premium to a pre-determined flat premium adjusted by the dynamic adjustment.

3. The method of claim 2, wherein the dynamic adjustment specifies a percentage by which the flat premium is to be changed.

4. The method of any one of claims 1 to 3, further comprising determining a time when the transport task is to be performed, estimating traffic conditions for the determined time and setting the premium for the insurance further depending on the estimated traffic conditions.

5. The method of claim 4, comprising determining a traffic score from the estimated traffic conditions, a weather score from the weather condition and the determined correlation between weather and delivery time and setting the premium for the insurance depending on a weighted sum of the weather score and the traffic score.

6. The method of claim 4 or 5, wherein estimating the traffic conditions comprises dividing a route of the transport task into route segments and estimating traffic conditions of each road segment depending on the determined time.

7. The method of any one of claims 4 to 6, wherein estimating traffic conditions comprises determining, from previous transport tasks, a correlation between traffic condition and time and estimating the traffic conditions from the determined time and the determined correlation between traffic condition and time.

8. The method of any one of claims 1 to 7, wherein the transport task is a transport of one or more persons, fresh food or one or more parcels.

9. A transport system management server configured to perform the method of any one of claims 1 to 8.

10. A computer program element comprising program instructions, which, when executed by one or more processors, cause the one or more processors to perform the method of any one of claims 1 to 8.

11. A computer-readable medium comprising program instructions, which, when executed by one or more processors, cause the one or more processors to perform the method of any one of claims 1 to 8.