DYNAMIC ROUTE PLANNING

ABSTRACT

The invention relates to a system for route planning for transport vehicles (3) and for loading the transport vehicles (3) with objects (2) to be transported, and to a corresponding method for operating the system (1), which permits a dynamic route planning for taking into account unplanned objects (2) in existing logistics sequences. The system (1) comprises a test station for verifying whether a first route plan (T1) exists for the objects (2) in question and which in the event of a non-existent first route plan (T1) emits a corresponding error signal (FS), and a recognition station (7), which on the basis of the error signal (FS) updates the transmission data (21n) for the relevant object (2) by means of suitable detection means (71) and transmits same to a computer system (4). The computer system (4) is provided to allocate the object (2) with updated transmission data (21n) to a suitable transport vehicles (3), and to change the first route plan (T1) for said transport vehicle (3) into a second route plan (T2) corresponding to the transmitted new transmission data (21n), wherein the second route plan (T2) takes into account the object (2) with updated transmission data (21n).

Fig.1