CLAIMS

1. A method for configuring an interior of a reconfigurable vehicle using one or more cabin modules, the method comprising:

providing (S100), by a user interface system (30), a plurality of possible cabin configuration options to a plurality of users for selection by the plurality of users so as to generate selection data indicative of cabin configuration options selected by the users, the cabin configuration options relating to types of configuration of the one or more cabin modules;

determining (S102), by a tracking and availability system (70), an availability of cabin configuration options based on inventory data which relates to types of configuration of cabin modules that are currently available for use so as to generate availability data;

generating (S104), by a forecasting system (60), a forecast of cabin modules predicted to be loaded on the reconfigurable vehicle based on the selection data and the availability data;

updating(S106), by a tracking and availability system (70), the availability data and the selection data substantially in real time based on the inventory data and user input to the user interface system so as to generate updated availability data and updated selection data, wherein the available cabin modules provided as cabin configuration options are continuously monitored and updated;

modifying (S108), by the forecasting system (60), the forecast based on the updated availability data and the updated selection data;

finalizing (S110), by the forecasting system (60), the forecast so as to generate, by a commissioning system (80), commissioning data indicative of cabin modules to be loaded on the reconfigurable vehicle, wherein the commissioning system (80) generates an automatic commissioning schedule comprising the commissioning data;

loading (S112), by a ground handling system (50), the reconfigurable vehicle with one or more cabin modules under the control of the commissioning system (80) according to ~~based on~~ the commissioning data of the automatic commissioning schedule; and

updating (S114), by the tracking and availability system (70), the inventory data based on the cabin modules that are loaded on the reconfigurable vehicle.

2. The~~A~~ method according to claim 1, in which the forecast indicates a probability of a particular cabin configuration being loaded.

3. ~~A~~The method according to claim 1 or claim 2, in which the forecast is finalized at a predetermined time before a scheduled departure time of the vehicle.

4. ~~A~~The method according to any preceding claim, in which the forecast is weighted according to one or more forecast criteria.

5. ~~A~~The method according to claim 4, in which the forecast criteria relate to cabin configuration features corresponding to those selected by a majority of users.

6. ~~A~~The method according to claim 4 or claim 5, in which the forecast criteria are based on cabin configuration features preferred by an operator of the vehicle.

7. ~~A~~The method according to any of claims 4 to 6, in which the forecast criteria are based on priority preference criteria of an operator of the vehicle.

8. ~~A~~The method according to any preceding claim, in which the selection data is generated by user selection within a predetermined time period before a scheduled departure time of the vehicle.

9. ~~A~~The method according to any preceding claim, in which the users are passengers of the vehicle.

10. A system (20) for configuring an interior of a reconfigurable vehicle using one or more cabin modules, the system (20) comprising:

a user interface system (30) operable to provide a plurality of possible cabin configuration options to a plurality of users for selection by the plurality of users so as to generate selection data indicative of cabin configuration options selected by the users, the cabin configuration options relating to types of configuration of the one or more cabin modules;

a tracking and availability system (70) operable to determine an availability of cabin configuration options based on inventory data which relates to types of configuration of cabin modules that are currently available for use so as to generate availability data;

a forecasting system (60) operable to generate a forecast of cabin modules predicted to be loaded on the reconfigurable vehicle based on the selection data and the availability data; and

a commissioning system (80) operable to generate commissioning data indicative of cabin modules to be loaded on the reconfigurable vehicle,

in which:

the tracking and availability system (70) is operable to update the availability data and the selection data substantially in real time based on the inventory data and user input to the user interface system so as to generate updated availability data and updated selection data, wherein the available cabin modules provided as cabin configuration options are continuously monitored and updated by the tracking and availability system (70);

the forecasting system (60) is operable to modify the forecast based on the updated availability data and the updated selection data, and to finalise the forecast so as to generate the commissioning data;

the commissioning system (80) is operable to generate an automatic commissioning schedule comprising the commissioning data, and is operable to cause the reconfigurable vehicle to be loaded, by a ground handling system (50), with one or more cabin modules under the control of the commissioning system (80) according to ~~based on~~ the commissioning data of the automatic commissioning schedule; and

the tracking and availability system (70) is operable to update the inventory data based on the cabin modules that are loaded on the reconfigurable vehicle.