CLAIMS

1. Method for operating a passenger catering system by using a server, the server comprising a processor and a memory unit, wherein the processor is connected to the memory unit and wherein the processor is configured to execute the following steps:

- receiving first input data from a passenger interface device;

- comparing the first input data with stock data in a database stored in the memory unit; and

- transmitting first output data to a crew interface device;

wherein the first output data comprise data on available stock coinciding with the received first input data.

2. Method according to claim 1, wherein before the step of receiving the first input data, the method comprises transmitting the stock data to the passenger interface device.

3. Method according to claim 1 or 2, comprising receiving the stock data from a remote transmitting device and storing the stock data in the database.

4. Method according to any of the preceding claims, wherein the first input data comprise an order of a product from the stock and the method comprises, after receiving the first input data, making a reservation in the stock data for the product, and updating the database accordingly.

5. Method according to claim 4, comprising:

- receiving second input data from the passenger interface device for cancelling the order of the product;

- cancelling the reservation of the product after receipt of the second input data; and

- updating the database accordingly.

6. Method according to any of the preceding claims, comprising transmitting second output data to the passenger interface device, wherein the second output data comprise the stock data on available stock.

7. Method according to any of the preceding claims, comprising receiving third input data from a galley containing the stock, wherein the third input data comprises data on the stock, the method further comprising updating the stock data in the database to the stock in the galley.

8. Method according to claim 7, comprising transmitting the second output data to the passenger interface device after receiving the third input data from the galley, wherein the second output data comprises data on the stock in the galley.

9. Method according to any of the preceding claims, wherein the first input data comprise metadata on a matching passenger seat, wherein the metadata are composed by the passenger interface device.

10. Method according to claim 9, comprising indicating a location of a passenger seat matching the metadata of the first input data from the passenger interface device.

11. Method according to any of the preceding claims, comprising switching the crew interface device from a galley mode when the crew interface device is located at a galley of a passenger transport vehicle to a cabin mode when the crew interface device is located at a passenger cabin of the passenger transport vehicle.

12. Method according to claim 11, wherein switching the crew interface device from the galley mode to the cabin mode and vice versa is performed after receiving a localization signal from an indoor positioning system (IPS) for localizing the crew interface device.

13. Method according to claim 11 or 12, comprising transmitting the first output data when the crew interface device is in the galley mode.

14. Method according to any of claims 11-13, comprising transmitting the third input data when the crew interface device is in the cabin mode.

15. Method according to any of the preceding claims, wherein receiving and transmitting data is performed in a wireless mode.

16. Computer program comprising instructions that, when loaded onto a memory unit of a server, allow a processor of the server to execute the method according to any of claims 1-15.

17. Passenger catering system for a passenger transport vehicle, the system comprising:

- a server comprising a processor and a memory unit, wherein the processor is connected to the memory unit and wherein a computer program according to claim 16 is loaded onto the memory unit, wherein the server is arranged to receive first input data from a passenger interface device;

- a crew interface device used by a crew member to read out first output data;

wherein the server compares the first input data with stock data in a database stored in the memory unit and the server transmits the first output data to the crew interface device, which first output data comprise data on available stock coinciding with the received input data.

18. Passenger catering system according to claim 17, comprising a galley container comprising the stock, wherein the stock data comprise data on the stock in the galley container and wherein the first output data comprise data on available stock in the galley container coinciding with the received input data.

19. Passenger catering system according to claim 17 or 18, comprising the passenger interface device.

20. Passenger catering system according to any of claims 17-19, wherein the first input data comprises a product order from the stock in the galley container and a reservation of the product is made in the database after receipt of the first input data.

21. Passenger catering system according to any of claims 17-20, comprising a moveable galley container containing products ordered according to the first input data, wherein the moveable galley container is used to serve the ordered products to a passenger matching the first input data.

22. Passenger catering system according to claim 21, wherein the crew interface device is mechanically connectable to the moveable galley container.

23. Passenger catering system according to claim 21 or 22, comprising a data connection between the crew interface device and the moveable galley container for exchanging data.

24. Passenger catering system according to any of claim 17-23, wherein the crew interface device is switchable from a galley mode when in the galley of a passenger transport vehicle, to a cabin mode when in a passenger cabin of the passenger transport vehicle.

25. Passenger catering system according to any of claims 17-24, wherein the galley comprises a first docking station for stationing the crew interface device, wherein when stationing the crew interface device in the first docking station the crew interface is in a galley mode.

26. Passenger catering system according to any of claims 21-25, wherein the moveable galley container comprises a second docking station for stationing the crew interface device, wherein when stationing the crew interface device in the second docking station the crew interface is in a cabin mode.

27. Passenger catering system according to any of claims 17-26, comprising an indoor positioning system for localizing the crew interface device and/or a moveable galley container in a passenger transport vehicle.

28. Passenger catering system according to claim 27, wherein the crew interface device switches to the galley mode upon detection of having a location within the galley by the indoor positioning system and wherein the crew interface device switches to the cabin mode upon detection of having a location within the passenger cabin.

29. Passenger catering system according to any of the claims 27 or 28, comprising a tray comprising a first transceiver that is activated upon receiving the first input data from the server and is used for transmitting and receiving location data of the tray determined by the indoor positioning system.

30. Passenger catering system according to claim 29, wherein the location data of the tray are compared to the first input data to determine a location matching the first input data and wherein the first transceiver emits a signal when the location matching the first input data is reached.

31. Passenger catering system according to claim 29 or 30, wherein the tray is positioned within the moveable galley container according to the matching input data from the server.

32. Passenger catering system according to any of claims 27-31, wherein the moveable galley container comprises a second transceiver for transmitting and receiving location data of the moveable galley container determined by the indoor positioning system.

33. Passenger catering system according to claim 32, wherein the location data are compared to the first input data to localize a passenger seat associated with the metadata from the passenger interface device matching the first input data and wherein the second transceiver emits a signal when the location of the passenger seat is reached.

34. Passenger catering system according to any of claims 17-33, wherein the server is located in the passenger transport vehicle.

35. Passenger catering system according to any of claims 17-33, wherein the server is located remotely from the passenger transport vehicle.

36. Passenger catering system according to any of the claims 17-35, wherein the passenger transport vehicle is an aircraft.

37. Passenger catering system according to any of the claims 17-36, wherein the crew interface device is a portable device, such as a smartphone or a tablet.

38. Passenger catering system according to any of the claims 17-37, wherein the passenger interface device is located at a central travel hub, such as an airport, train station or bus station.

39. Passenger catering system according to any of the claims 17-37, wherein the passenger interface device is a portable device, such as a smartphone or a tablet.

40. Passenger catering system according to any of the claims 17-37, wherein the passenger interface device is an integral part of an onboard entertainment system.

41. Galley container for a passenger catering system according to any of claims 17-40.