

VisionWorks Award CargoPacks 2020

Concept Delivery System **DHL**



With this new system it is possible that the packages are delivered directly to the client, but only if the client is at home and has time to receive the packet. If the client is not available during the specified time period, the client has the option to collect the package at the nearby address. As the mobile packet station is located at a specific place for only a few days, permanent stations are not required. A mobile solution also has less influence on the town's appearance. And because everyone knows that it is only placed for several days, the acceptance is bigger than for a stationary solution.



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pictures of scale - model 1:10

All the RFID tagged packets are distributed into the "Package Devices". The "Package Devices" rotates, to provide a fast and simple loading operation.

11:45 am / DHL Logistic Center

10:44 am / Logistic Center

The rest of the packets will be returned in the logistic circle.

7:30 am [four days later] / Finally: Way back!

9:53 am / Waiting for three days...

For some clients, receiving the package may not be possible. The remaining clients receive a message that they can take their packet from a specified address in the next three days - not more than 200 meters from their home. Guaranteed!

4:53 pm until 9:53 / What a Service!
Directly to my sweet home, whenever I want!

3:20 pm / Calling the Mobile Items

3:35 pm / The servants are coming!

The Package Device calculates the most ecological friendly way.

3:50 pm / On the railway into the city

4:40 pm / Arrival at Railway Station

4:52 pm / Moving to the final quarter

Arrival at the next station. The Device goes away from the rail and moves now by itself to the right residential quarter.

4:43 pm / Tram Station / Being like a parasite?

4:53 pm / „Packet Available“

Package Device is sending a message to the clients. In the next few hours the clients have the option to call the Delivery Device to their home.

Bumper - for moving by other vehicles

The Mobile Device contains the electric power train, accumulator, motion sensor etc.

GPS-Roadmap

GPS-Roadmap

