

A PROVEN TRACK
RECORD OF
EXCELLENT SERVICE

15 May 2015





TNT SHOWCASE

BIOPHARMACEUTICAL MANUFACTURER

Independent contract manufacturer



THE PEOPLE NETWORK

TEMPERATURE CONTROL AND VISIBILITY OVER TRANSPORTATION PROCESS ARE CRITICAL

THE CHALLENGES



As a contract manufacturer for other pharmaceutical companies, our customer's production should meet strict deadlines



Manufactured drugs should be transported in a chilled or controlled ambient environment, with constant temperature monitoring



Transportation of the test medication from production site to the customer should adhere to GDP guidelines

UNIQUE COMBINATION OF NETWORK AND DEDICATED SERVICE



End-to-end visibility , shipment integrity and control over transportation flow

TNT DELIVERS SIGNIFICANT BENEFITS TO OUR CUSTOMER

AVOID STORAGE OF SHIPPING PACKAGING by using re-usable boxes, provided by TNT



IMPROVE SERVICE PERFORMANCE by 20% by using one integrated network, instead of multiple external providers



ENSURE SHIPMENT INTEGRITY by using validated high performance packaging solution and temperature data logger



OVERALL SUPPLY CHAIN cost saving due to reduced number of carriers and combination of network and dedicated services



REDUCE ADMINISTRATION COSTS, by having end-to-end visibility of the transportation process



IMPROVED SHIPMENT VISIBILITY, proactive monitoring and deviation planning



WITH A COMPLETE SHIPMENT SOLUTION

1

...

Customer orders pre-conditioned package till 16:00 on a day before collection

2

...

Dedicated driver delivers pre-conditioned package with a data logger activated at the fulfilment centre inside and collects loaded box

3

...

Shipment is transported via TNT network monitored by dedicated customer team

4

...

Dedicated driver delivers the package, completes Drivers Checklist instructions and take away the empty box

5

...

TNT reads out the data from the temperature data logger and provides the report to the customer



DELIVERED WITH CARE

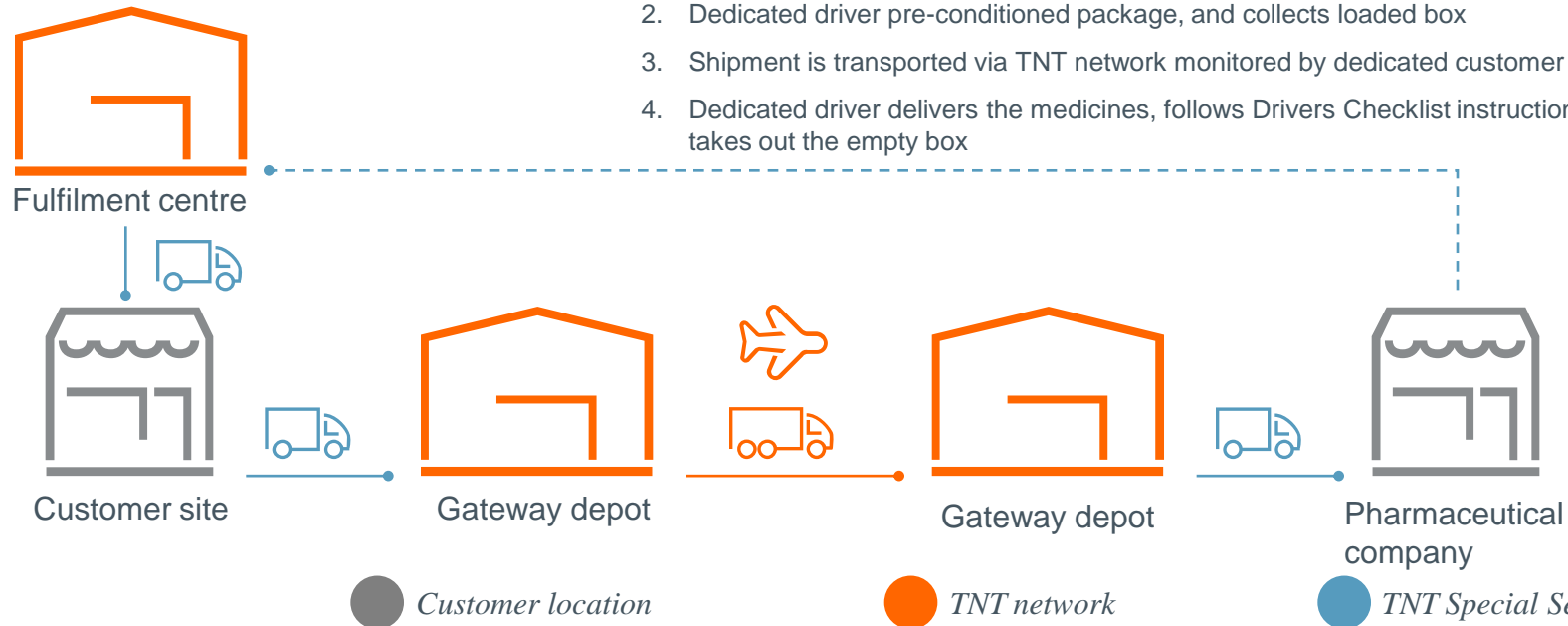


- The dedicated customer team offers **one single point** of contact with TNT
- Customer can **order the pre-conditioned** shipping box for -20C*, chilled (2-8C) and controlled ambient (15-25C) transportation till 16:00 the day before collection
- **Validated re-usable high performance packaging** secures shipment integrity
- The temperature logger in package is backed up with additional logger to **secure accurate measurement** of the transportation environment
- **Dedicated team monitors the shipment** transportation process and initiates service recovery, when necessary

* available in Germany only

TNT DELIVERS (TEST) MEDICATION IN TEMPERATURE CONTROLLED ENVIRONMENT FROM PRODUCTION SITE ACROSS EUROPE

1. Customer orders pre-conditioned package till 16:00 on a day before collection
2. Dedicated driver pre-conditioned package, and collects loaded box
3. Shipment is transported via TNT network monitored by dedicated customer team
4. Dedicated driver delivers the medicines, follows Drivers Checklist instructions and takes out the empty box





THE PEOPLE NETWORK

THANK YOU