

Incoming
offloading demand

Controller Offloading spot

Data transfer allocation

Current allocated
demands

Select paths in the
offloading overlay

Max-min fairness
multicommodity
flow allocation

Historical
database

Install
forwarding states

Offloading overlay
computation

Historical
customer patterns

Logical link
characterization

Origin-Destination
trip matrix

Road map reduction

Metadata of data
in transshipment

Floating car data

Cargo data

metadata

GPS data

Match

Action

Report
statistics

Flow table

Cargo data

Drop-off

Pickup

Data forwarding procedure

Local storage
(data in transshipment)

Traffic
forecasting
services