Question

# GDS Group 3 Meeting No.2

## September 13, 2010

## 13:15 – 14:05

1. What exactly is the purpose of the simulation? What is the result? Do we want a routing time for parcels?
2. If the speed is important, what about the exact length of the entire path?
3. How should we manage the traffic jam effect at each sorter?
4. How can the user set the correct number of the parcels he wants?

Check-in gates, bag generation. What kind of configuration options would the client prefer on that?

An example method of configuration can be:

The gate can be configured to generate X new bags every minute. Their destinations can be: a) random or b) in a statistical distribution, configurable by the user. If we have K gates, the user can specify that 10% of the bags go to gate 1, 5% to gate 2, 16% to gate 3..., the remaining percentage to gate K.

Would that be acceptable?

1. When there are parcels at the sorter waiting to be sorted, at the same time, some other parcels come from another check-in desk, how do we control the conveyors? Do we need to stop the part conveyor to let the waiting parcels be sorted first?
2. Are the bags sent randomly or specifically to exit? i.e. does the user decide specifically or the system decides randomly
3. Why do we need the speed setter?
4. Do we need to look at package jams and hold-ups?