Piece of the action
An airline point of view

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The talk is about shipments the action is on the pieces

• A shipment is a logical set of one or more pieces
• A consolidation is a shipment that consists of one or more logical sets of one or more pieces

• The shipment has an Airwaybill nr → unique to that shipment
• A logical set of pieces in a consolidated shipment has a House Waybill nr

• But it is the moveable pieces that are handled from origin to destination
• It is always one of a total but belongs to that unique AWB nbr and/ or HWB nbr
What do we do (operationally)

- At origin a shipment arrives
- We check documentation and security status
- We supply information to authorities for compliance reasons and risk assessment
- We check physical shipment (count, physique, volume, measurements)
- We accept the shipment
- We handle the shipment in compliance with industry air cargo partners
- We transport shipment to a destination
- We deliver the shipment to the consignee
- During this process we have to keep track of the shipment
What do we actually carry

• It is the movable piece that
  • is handled from origin to destination
  • has characteristics
  • has been secured
  • we want to scan
  • is being traced
  • needs to be uniquely identified
  • counts

• But is always one of a total but belongs to that unique AWB nbr and/or unique HWB nbr
Looking at averages

- 45% of airwaysbills are consolidations
- An airwaybill has an average of 19 pieces
- A housewaybill has an average 10 pieces
- Consolidation has an average of 1.8 housewaybills

Based on KLM figures over Aug 2016
What would we like

• Each piece
  • in the shipment is uniquely labelled by customer
  • can be individually tracked
  • is uniquely referenced in e-documentation
  • is linked to its shipment
  • is linked to its HWB where applicable
  • is readable with device (e.g. barcode, RFID)

• Unique identification
  • Simple
  • Industry wide
Where are we going

• Standardisation – everybody talks in same structures
• Security/ safety – compliance will be at piece level
  • Might even have to be reported on that level
• Customer experience - complete e2e visibility on pieces
• Carrier wants complete visibility on pieces
• CargoIQ – quality will benefit from piece level tracking
• Resilience – ability to act on piece when things do not happen as planned