



Trends in ULD Management – supporting ULD Care and industry goals

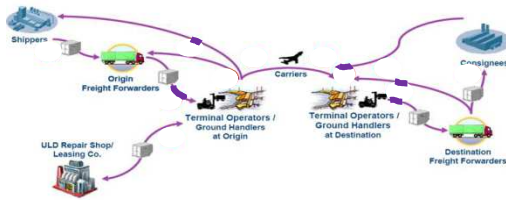
ULD Care AGM - Vancouver

Irene Gräf

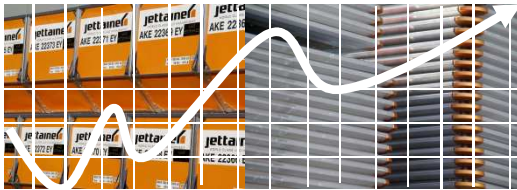
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Three major issues move our entire industry:



Localisation



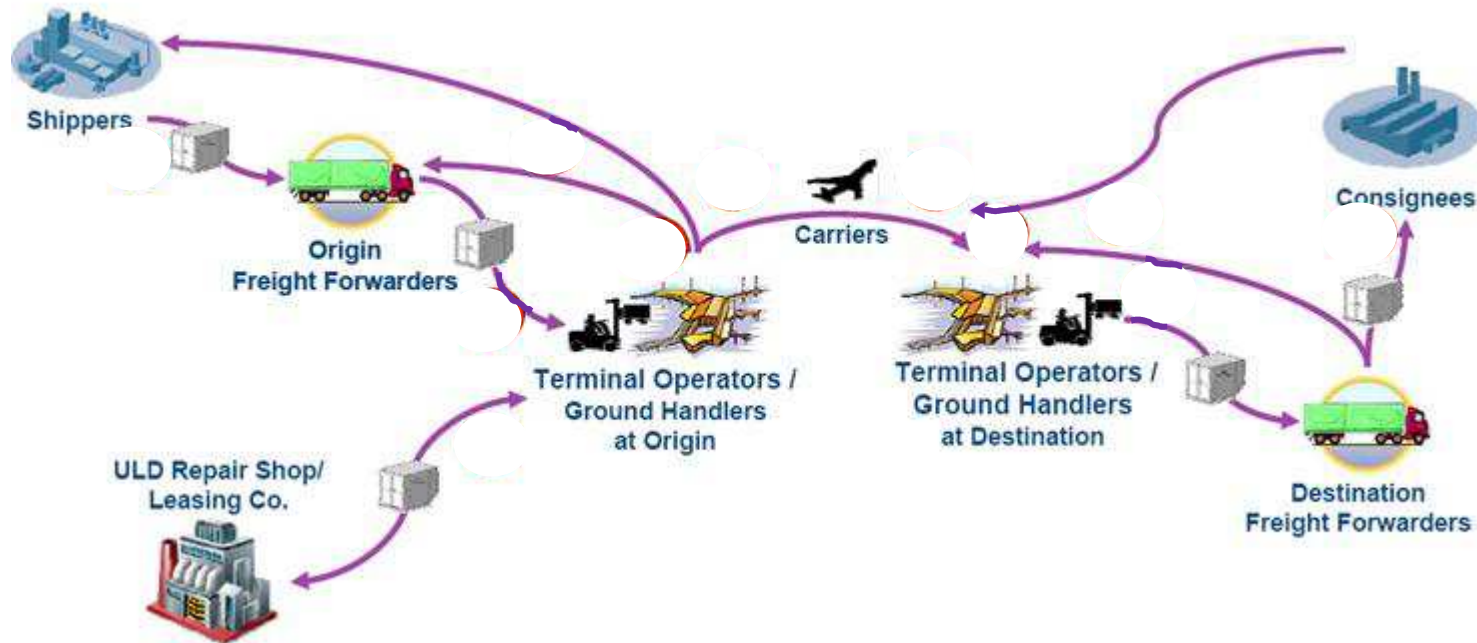
Availability & Efficiency



Damage Prevention

Today's situation – Localisation

Keeping track of units throughout the network becomes increasingly difficult



Of all ULD moves in Jettainer's network, approx.

- 2% of physical ULD moves are actually handled by airline staff → regulated environment
- 15% by Forwarders → non-regulated environment
- 83% by Handling Agents (GHA)

Today's situation – how can we raise efficiency/availability?

Development has to be driven even further



Management and steering of units is increasingly complex

- Airlines' networks are continuously optimised - continuous strive for "best in class" in all processes, therefore:
- Availability of units is a non-negotiable must
- Efficiency is the basis and the promise of management companies' work
- Current success factors:

Data

Experience

Process knowledge

Communication

Today's situation – what happens to the units?

Damages have to be reduced and made transparent



Damages are a major driver for ULD cost. They influence the TCO dramatically.

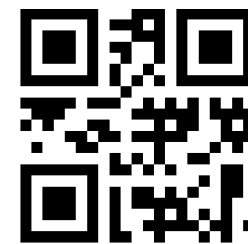
- 50-60% of TCO are repair cost
- Damaged ULDs influence aircraft and shipment/baggage safety
- Identifying the responsible party proves extremely difficult

Three ways to improve the supply chain's performance:

- **More money means more quality**
 - Investment in staff
 - Investment in training
 - Not really an option in today's world of declining yields

- **Non-performance results in penalties**
 - Find the responsible
 - Set up of a charge system
 - Extremely complex – success questionable

- **Use technology and new approaches**
 - Reduce manual process steps
 - Increase performance through intelligent systems



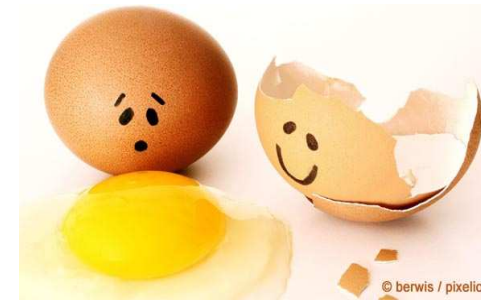
ULDs that reduce damage potential

Material:

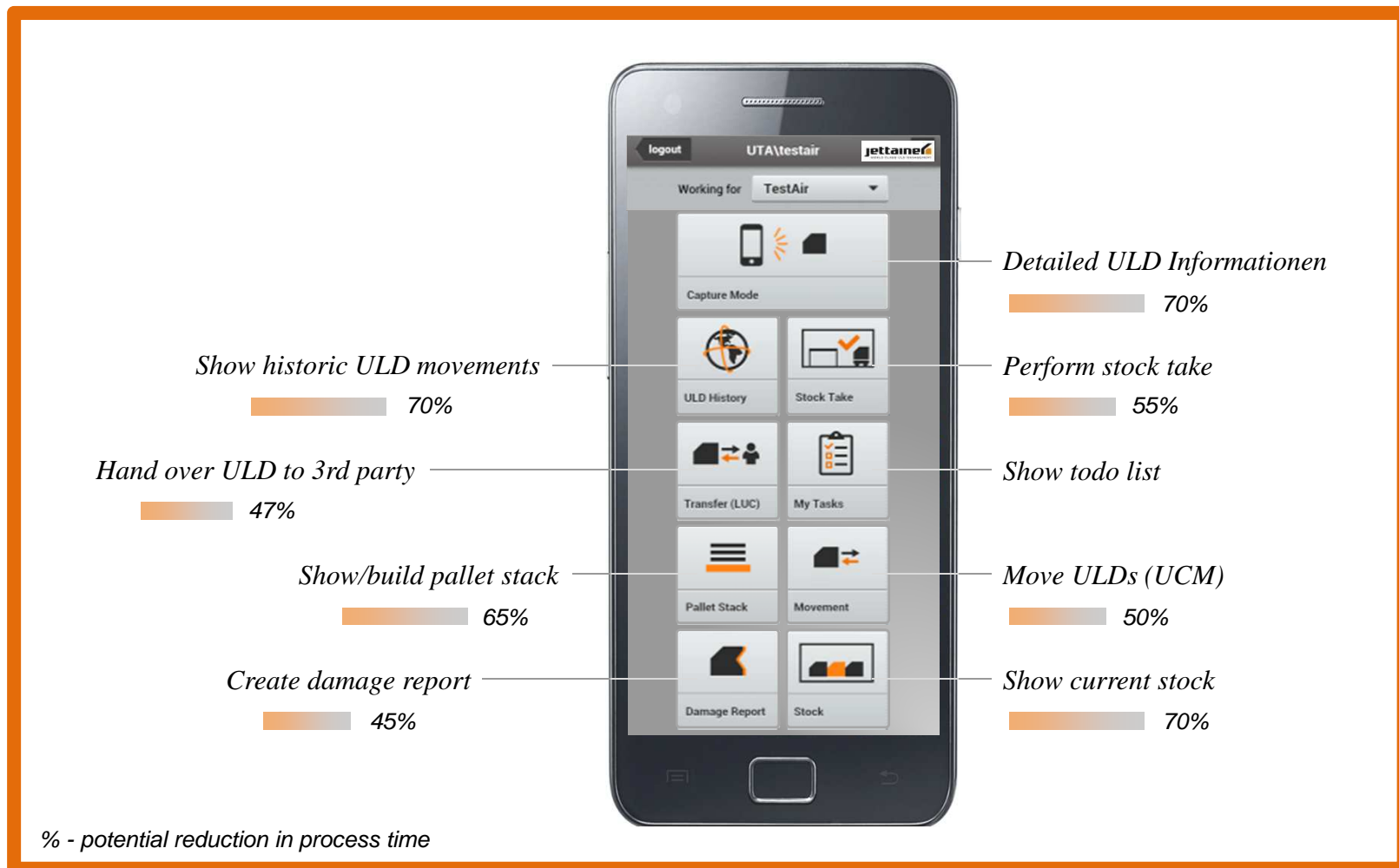
- Development of not only lightweight but damage resistant materials

Process:

- Availability of smart and easy to deal with repair and maintenance processes
 - Rep locally at station
 - Exchange of ULD parts at station



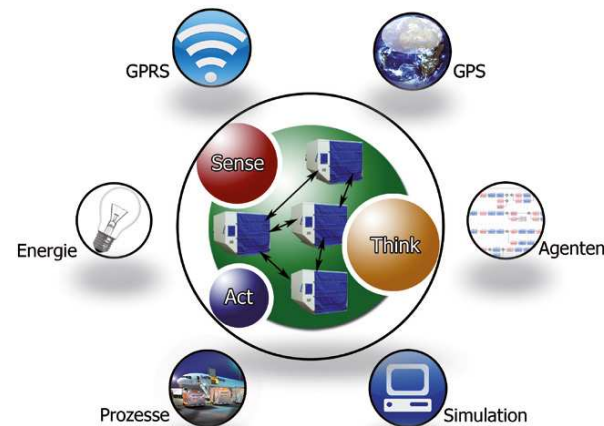
Better links between all players in the supply chain



Information that is easy to understand and generate

Digitisation will enable the measurement of all things along the supply chain

- RFID
- GPS/GSM
- Dynamic Container Networks

A screenshot of a software interface, likely a container management system. It shows a table with columns for 'Uldnummer', 'Status', 'Ort', 'Datum', 'Uldtyp', 'Uldgewicht', 'Uldinhalt', 'Uldtemp', 'Ulddruck', 'Uldvibration', 'Uldschwingung', 'Uldbeschleunigung', and 'Uldgeschwindigkeit'. The table contains several rows of data, with some cells highlighted in red, indicating alerts or errors. A 'Alert' dialog box is visible over the table.

Thank you!



Let's move forward together!!

...It's a joint effort...

Thank you for your attention.



For further information, comments and questions please contact:

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