



DISTRIBUTION
RESOURCING SERVICES

Automating DRS Delivers Ltd.'s logistics, supply chain and 3PL Business

OVERVIEW

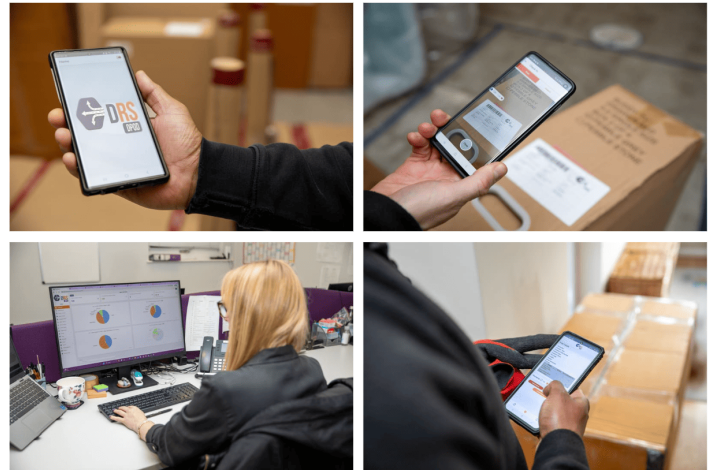
Distribution Resourcing Services is a High Wycombe based 3 PL service to specialist furniture companies, serving as their distribution warehousing and fulfilment partner for B2C / home deliveries nationwide in the UK.

THE CHALLENGES:

- 01 Manual time-consuming processes.
- 02 Low staff productivity and efficiency.
- 03 Wasteful consumption of fuel.
- 04 High communication costs, use of paper, print.
- 05 High cost of operations.

THE SOLUTION:

DPOD (Digital Proof of Delivery) has been built as a scalable **Fleet Management solution** providing complete visibility, automation and control. It enables smart, data-driven and efficient fleet management services to clients. This is a self-service client portal where the secure Web Admin Console digitises end-to-end services from stocking orders at their warehouse (using barcodes), cross-dock, pick, pack, dispatch and delivery of consumer B2C orders nationwide - from Lands End to Edinburgh. Upon successful delivery of orders every day, the DRS Drivers or their assistants take photographs of the delivered/assembled items with 'sign-on-glass' options for customers to give PODs. The **DPOD** system also handles exceptions of failed deliveries and making re-attempts for various scenarios while fully enabling 'customer self-service' for choosing their preferred date of home delivery for their orders.



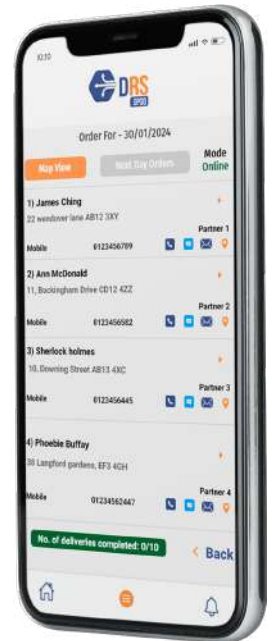
The **Fleet Management** web-admin console allows the team to group postcodes into zones enabling zone-wise vehicle capacity planning as well as optimisation of routes by post code. Mandatory vehicle checks before each trip have been built in to the mobile app, while the console always ensuring no van is loaded beyond its capacity. From periodic MOT and service checks to real time updates from the crew on the road, the DPOD web admin + Driver app have it all covered.

Atula Technologies have also integrated the warehouse to DPOD. Bar codes for delivery items received from partners, are scanned in at the warehouse. DPOD has an in-built goods in check sheet and a picking sheet for the warehouse staff to pick items according to the delivery round.



THE FLEET MANAGEMENT SOLUTION HAS EXTENDED THE FOLLOWING BENEFITS:

- ✔ No license /subscription fee – DRS own the software
- ✔ The system has scaled with the business
- ✔ Significant improvement in staff efficiency & productivity
- ✔ Operational Cost savings (Fuel, Print/Paper, Communications)
- ✔ Optimal consumption of fuel for the delivery vans, reducing CO2 footprint
- ✔ Fully digital communication through push notifications
- ✔ Automatic status notification to end customers by sms & emails
- ✔ Custom reports and real-time updates on delivery status to clients



TECHNOLOGY:

HTML, CSS, Angular JS, Node JS, Android, Brevo (Customer bulk e-mails for delivery scheduling,confirmation and dispatch) SMS (Cisco Text Local). The entire system is hosted on AWS.



SERVICES OFFERED BY ATULA TECHNOLOGIES LTD:

- ✓ Wireframe design on Adobe XD
- ✓ Bespoke Software Development that includes
 - Web Admin Application Development (for back office)
 - Mobile App development (for drivers)
 - APIs and Database Development & Integration
 - Mobile app for warehouse team
- ✓ System, Integration and User Acceptance Testing
- ✓ Hosting on AWS Cloud
- ✓ Ongoing Maintenance and Support of application and infrastructure