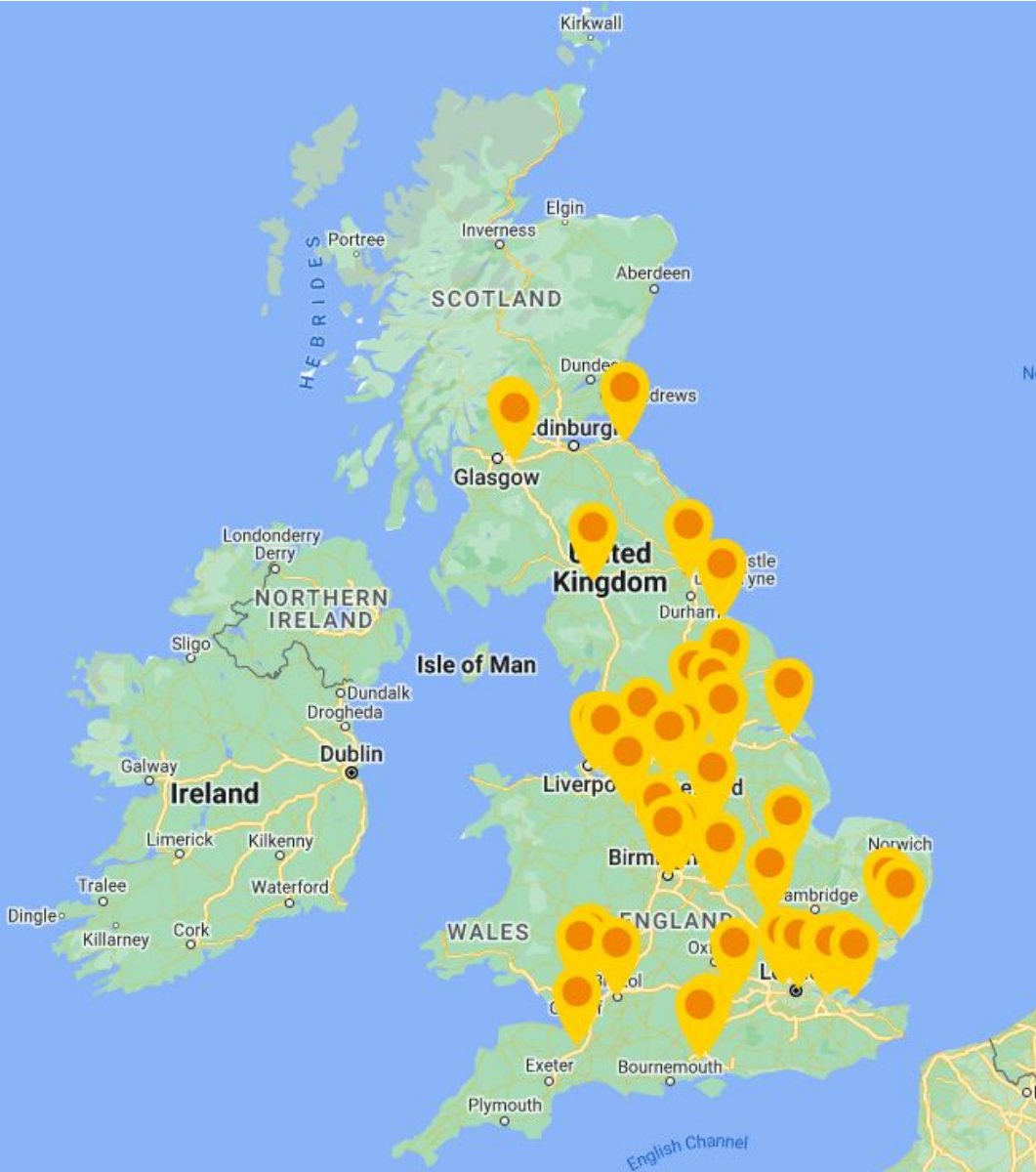


ONE YEAR ON: The Implementation of an Integrated Intermodal TOS Throughout UK Rail Network

Christopher Cavanagh, Program Lead – Business Transformation, Freightliner UK

Successful Implementation of an Integrated Intermodal TOS Throughout UK Rail Network



“The systems have improved turnaround times at the terminal significantly, which can only be advantageous to us as a haulier!”
– Barry McCullagh, Transport Manager BCD

“This has been a positive move and one that seems to be working better in all regions. It has been done with minimal effort or issues, so thanks to the team for assisting with this.”
– Kelly Moss, General Manager Hayward Transport



Agenda:

- G&W's Vision
- Formation of a Modernisation Program
- Rollout of Systems and Integrations
- Operational Results & KPI's
- Next Phase Development



G&W UK's VISION

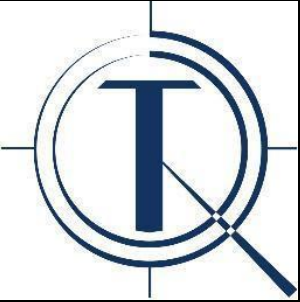
- Increase Optimization and Automation Within Terminal Operations Across our UK network of terminals
- Increase Terminal Velocity
- Create an Efficient Flow of Traffic Within and Surrounding the Terminal Network
- Improve Haulier and End-customer Experience
- Establish a Reputation as the Best and Easiest to Use Inland Container Terminal Operator in the UK



FORMATION OF A MODERNISATION PROGRAM



UK/Europe Region

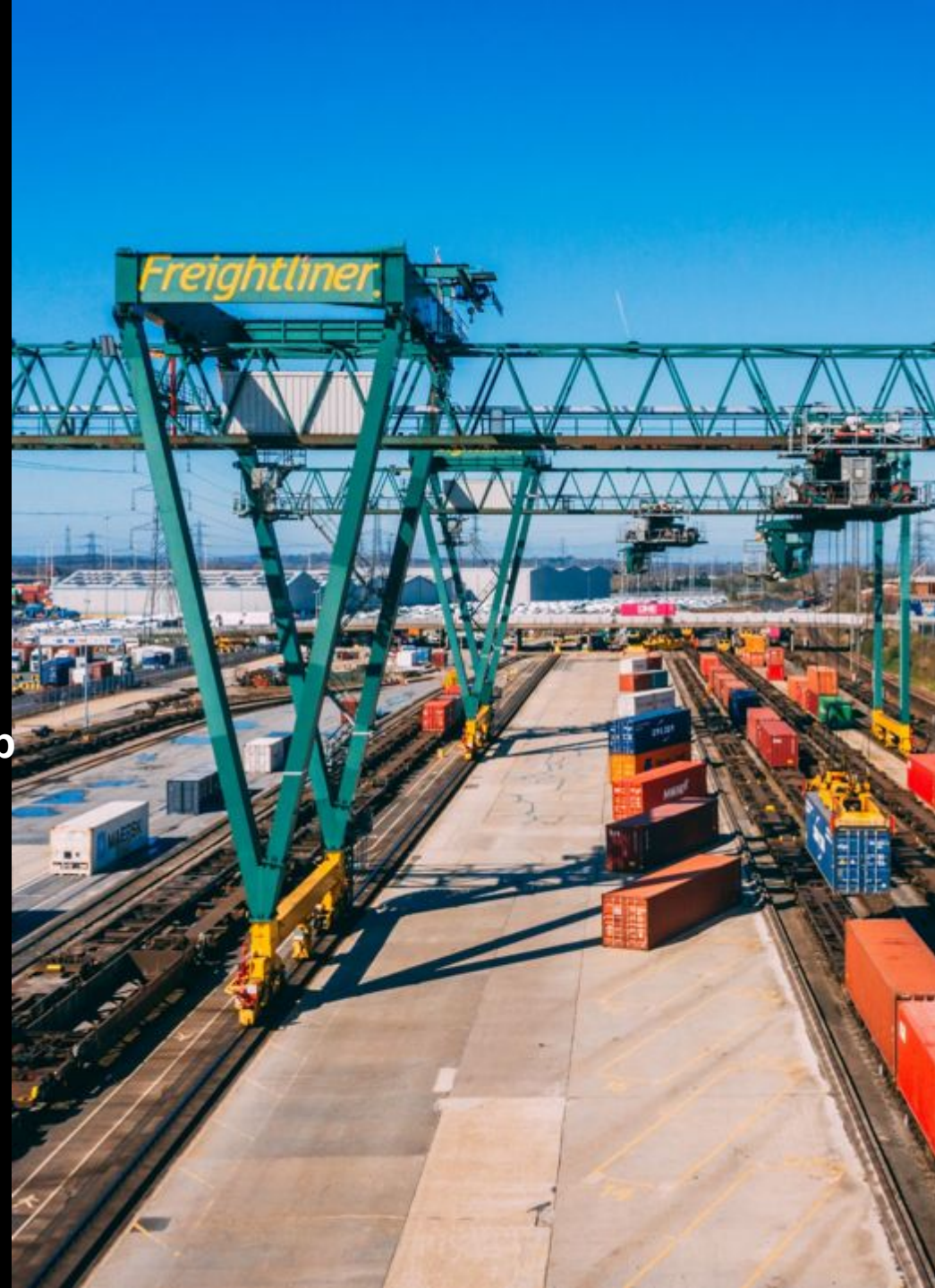


- **G&W UK Challenges:**

- Increased Container Volumes
- Congestion In and Out of the Terminals
- High Turnaround Times
- A Need to Modernise Technology
- A Desire to Embrace Automation

- **G&W Created an Internal Project Team and Partnered with a Group of Vendors to Develop the Future State of UK Modernisation:**

- Tideworks TOS: Intermodal Pro (IPRO) & Traffic Control (TC)
- Advent EModal Vehicle Booking System (VBS)
- Camco Gate Management System (GMS)



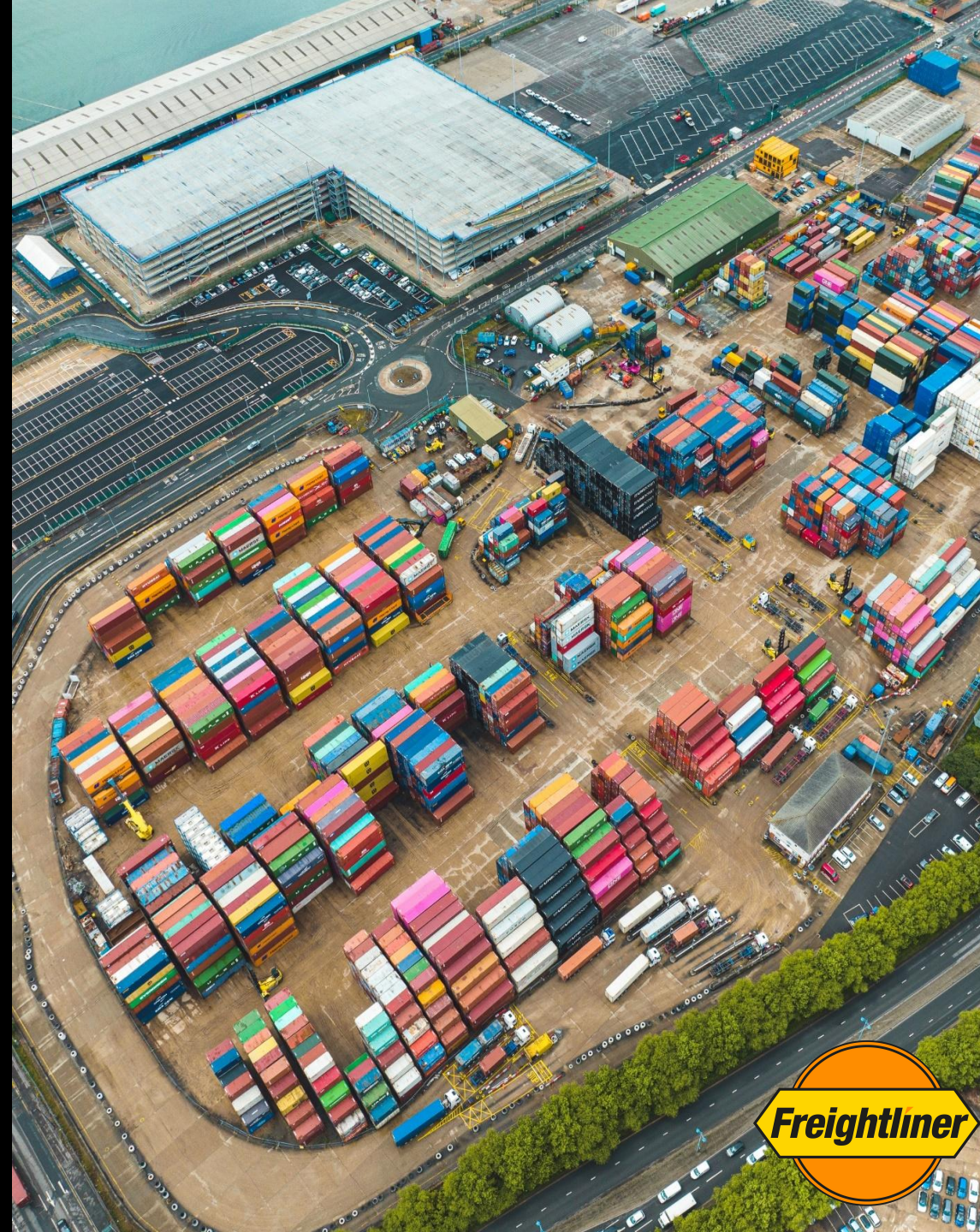


SYSTEM INTEGRATIONS & ROLLOUT

- ROLLOUT OF TIDEWORKS' TOS AT 24 UK TERMINALS
- DEVELOPMENT OF A TRI-SYSTEM INTEGRATED SOLUTION
- ROLLOUT OF THE INTEGRATED SOLUTION AT 10 TERMINALS
- GENERAL AND UNIQUE CHALLENGES AS UK INLAND CONTAINER TERMINALS

G&W UK OPERATIONAL RESULTS 1 YEAR ON FROM ROLL OUT

- Increased automation and efficiency across terminals
- Minimal disruption during go-lives across the UK
- Reduced terminal congestion during peak hours
- Data-led insights to better inform operational decisions
- Significant operational savings for Freightliner and Truckers
- Satisfied hauliers and end-customers
- Increased capacity to do more lifts and add a trains service through data-led decisions



KPI'S:

- 95% OF AUTOMATED APPOINTMENTS ARE COMPLETED WITHOUT ERROR
- AVERAGE TURNAROUND TIME: 20 MINUTES
- ADDITIONAL TRAIN SERVICE IN BIRMINGHAM



TERMINAL VITAL SIGNS: BIRMINGHAM



VBS benefits delivering cost reductions to the Intermodal Industry

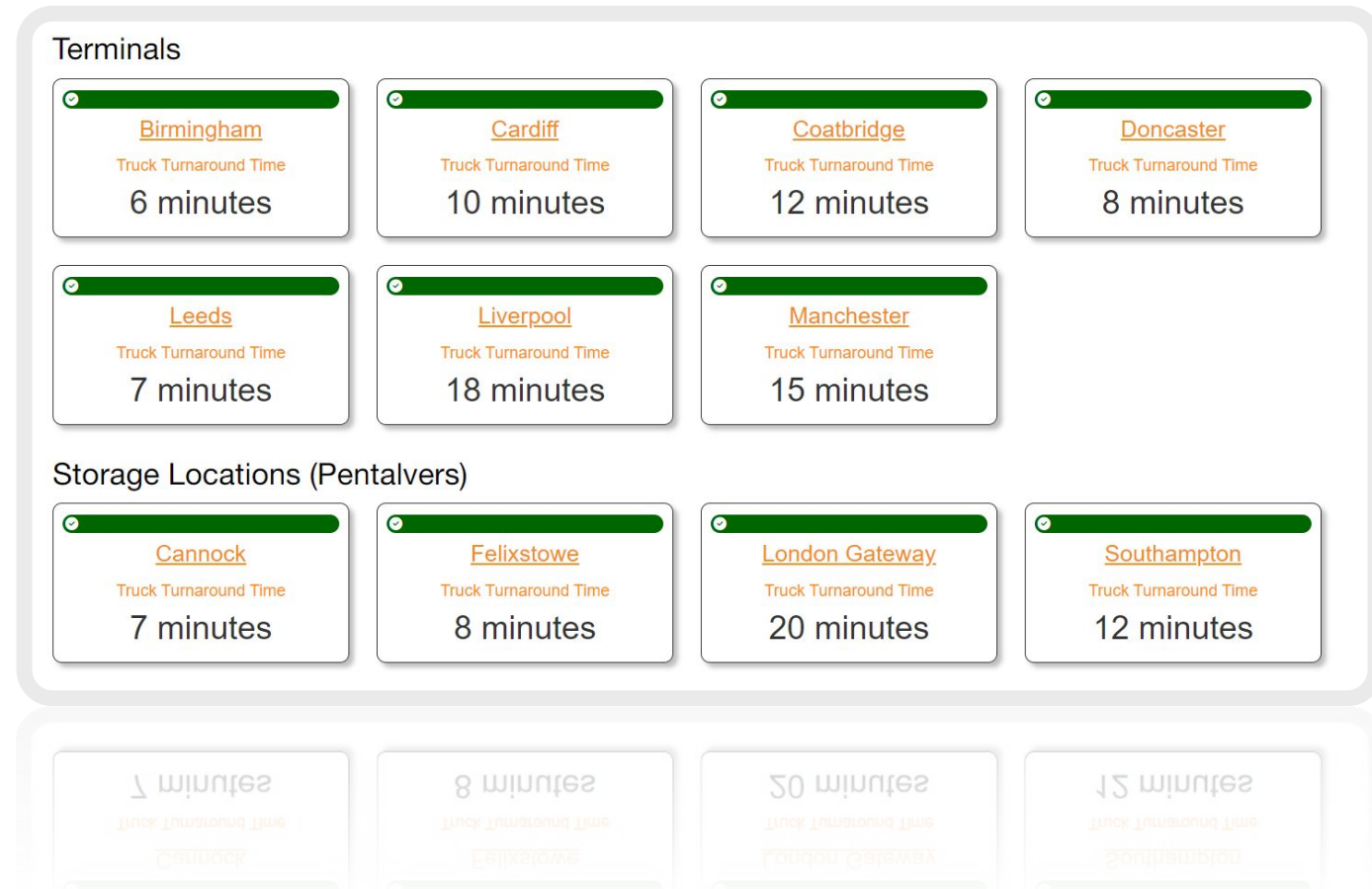
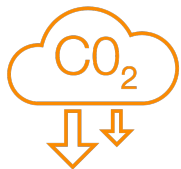


Trucking operators benefit from significantly reduced turnaround times at our terminals, resulting in lower fuel and labour consumption. Our current average turnaround time is under **20 minutes**, down from an initial **52 minutes**, as evidenced on [our live dashboard](#).



Notably, trucking operators have collectively saved **£5.4M*** through their terminal usage

This efficiency has also led to a reduction of **3.27K Tonnes*** in CO2 emissions.



* Annualised based on 2022 total haulier visits

NEXT PHASE PARTNERSHIP FREIGHTLINER & TIDEWORKS

- Port Customs Integration
- Automated Housekeeping
- Automated Train Planning
- 3D Terminal View
- Mobile Technology



**THANK
YOU**