

# Optimizing Food and Beverage Distribution

Logistics technology is a critical component of food and beverage distribution. Routing, telematics and mobile solutions provide real-time information and visibility to address key industry challenges, including:

Product integrity and security

Regulatory compliance

Driver/Labor concerns

Increased competition

Lower margins

A large smartphone mockup is the central focus, displaying a dashboard with four quadrants. The top right corner of the phone shows a signal strength icon, a battery icon, and the time 02:54. The top left quadrant features a thermometer icon and the heading 'Ensure safety and security'. The top right quadrant features a laptop icon and the heading 'Monitor performance & compliance'. The bottom left quadrant features a driver icon and the heading 'Increase productivity'. The bottom right quadrant features a large blue arrow pointing down and the heading 'Lower operating costs'. A speech bubble on the left side of the phone points to the 'Increase productivity' section, containing the text '10% boost in driver productivity'.

**Ensure safety and security**  
Automatically record trailer movements, inspections and security seal changes to maintain a valid audit trail  
Quickly identify trailer contents to ensure product integrity  
Immediately detect temperature variations or door-opening events using temperature sensors

**Monitor performance & compliance**  
Automate Individual Vehicle Mileage Reports (IVMRs) and fuel purchases for accurate IFTA, HOS and city idling reporting  
Improve driver behavior and retention with performance management programs  
Identify critical cold chain and traceability data points for chain of custody

**10%** boost in driver productivity

**Increase productivity**  
33% increase in vehicle utilization  
1 hour/day saved with proof of delivery  
up to 30% increase in on-time deliveries

**Lower operating costs**  
Route optimization can reduce:  
10-15% mileage  
5-10% driver hours  
3-4 hours a day dispatcher time  
\$4.50 per vehicle/day average saved with fewer OSDs  
\$9 per day/vehicle saved by eliminating paper manifests