

# • Application Note •

## PT300™ WHEEL LOAD SCALES

### Distribution Company Uses PT300™ Scales to Stay Compliant

Owners and operators of commercial vehicles are required to comply with the several laws meant to ensure safety and roadworthiness. A UK distribution company operating a fleet of commercial vans was struggling to regularly gather and maintain the accurate weight data needed for reporting to the Driver and Vehicle Standards Agency (DVSA). The company operated fifty to sixty different sites with varying access to buildings and power, so they were looking for a portable solution that could consistently capture axle weight and save the data.

Numerous countries throughout the world have laws and statutes to police the roadworthiness of all vehicles that travel on their public roads. Commercial vehicles are held to a higher standard than those for private citizens driving passenger vehicles. The increased mileage logged by fleet vehicles and heavier loads carried by these vehicles require an increased level of maintenance to ensure safe operation.



PT300™ scales are built to withstand heavy use and can be used at sites with unimproved surfaces.



Built-in solar charging panels virtually eliminate the need to manually recharge batteries between uses, allowing the PT300™ scales to be used in locations without power.

Law enforcement agencies like the DVSA are tasked with ensuring commercial vehicles are within prescribed weight restrictions. A key component of these regulations is weight distribution. Proper weight distribution among axles becomes especially important when large vehicles are transporting heavy loads. A large vehicle with an improperly distributed load has increased potential to crash, posing a greater threat to property damage and bodily injury. Intercomp offers several weighing solutions to ensure that each organizational fleet is within allowable limitations.

After considering the varying quality of the yards at the sites where the scales would be deployed, the PT300™ wheel load scale was recommended as the optimal solution. With a rugged, lightweight aluminum construction built to withstand heavy use, the scales could be used at sites with unimproved surfaces. Intercomp's built-in RFX® Wireless Weighing communication would allow the company to capture the weight data with a variety of indicators able to store, recall and print the records. The solar charging panels that come standard on PT300™ scales virtually eliminate the need to manually recharge batteries between uses, allowing the scales to be used in locations without power. With an accuracy of  $\pm 1\%$ , the van company can feel confident that their vehicles are safe and their reporting is correct.

After supplying the PT300™ scales to the distribution facilities, managers of the company noticed an immediate increase in the efficiency of weight data collection and the consistency of accurate reporting. The distribution company now has a successful solution that works at all of various their locations thanks to the PT300™ scales from Intercomp.

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