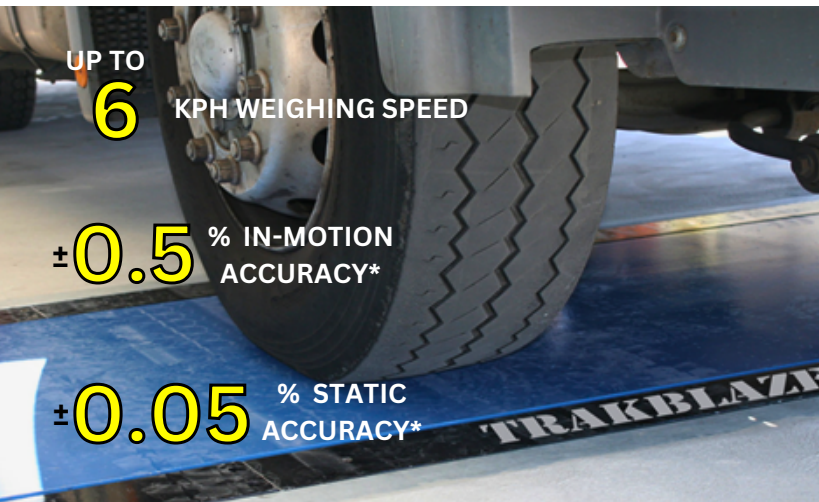


FORCE 1

The World's Toughest WIM Axle Weigher
Weigh a Truck In-Motion in 15 Seconds or Less!



Save Time & Money With FORCE 1

The **FORCE 1 WIM** truck axle weighing system provides weights on the go and eliminates the need for traditional weighbridges that take up valuable yard space.

The unbeatable FORCE 1 available in both static and in-motion models is built to withstand the world's toughest transport conditions while delivering exceptional accuracy.

Maximise productivity and profitability by ensuring precise, consistent load measurements while mitigating maintenance risks from overloading. Even if a truck's total weight is within limits, its axles may still be overloaded, the FORCE 1 can detect and prevent this issue.



- Unmatched Speeds up to approx. 6 kph
- Unmatched Accuracies at approx. $\pm 0.05\%$
- User-friendly Software
- Latest Electronic Technology
- Robust Compact Design
- Minimal Civil Works Required
- IP-67 Rating (Outdoor equipment)
- Relocatable

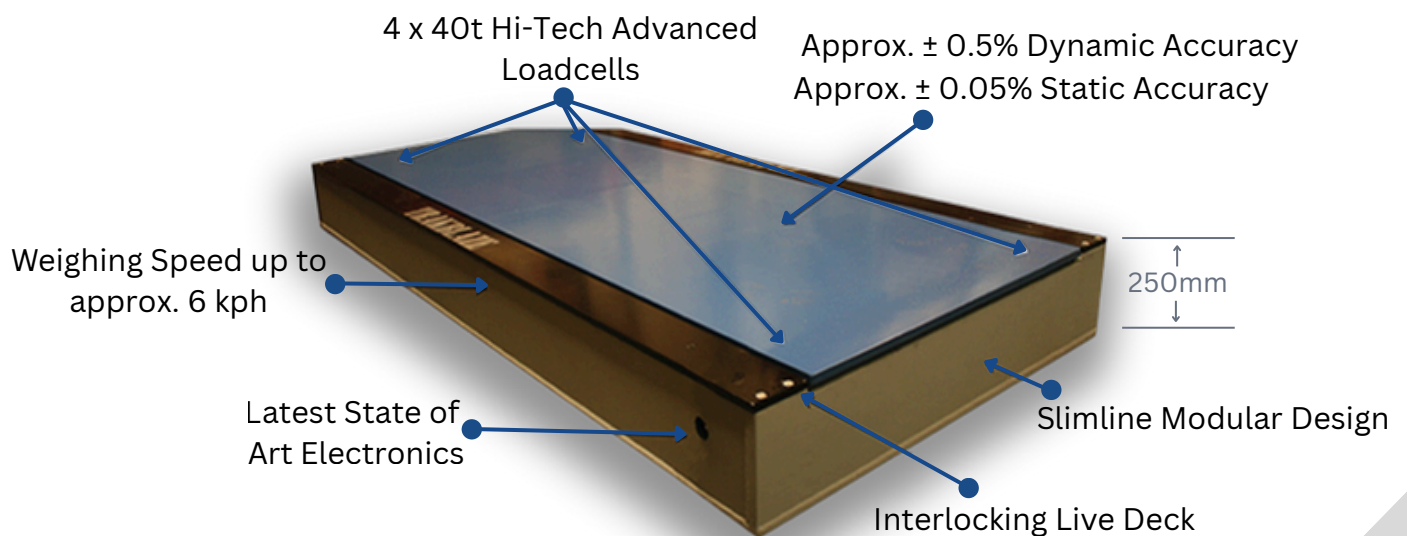
NOTE: These are the same electronics & software used in our high speed trade approved train weighing systems, hence the FORCE™ 1's unmatched speed & accuracy.

FORCE 1 Site Installation in South Australia:

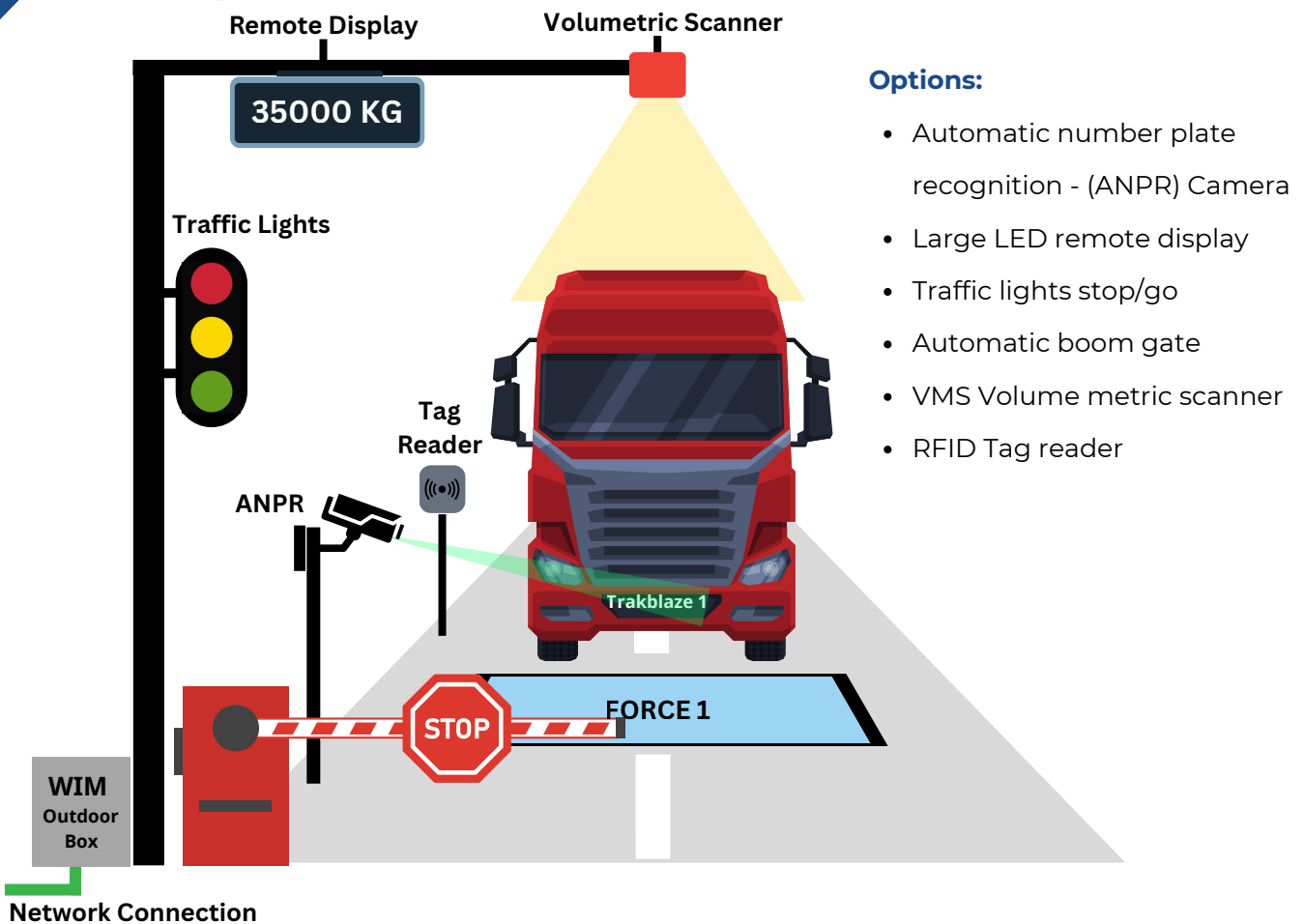
Our FORCE 1 system, installed in South Australia, successfully weighed a 200-tonne centipede road train measuring 64.5 metres in length with 110 wheels — all in motion at a speed of 6 km/h. At this particular site, we achieved an impressive $\pm 0.5\%$ dynamic accuracy, showcasing FORCE 1's unmatched performance and reliability even in the harshest conditions.



FORCE 1 WEIGHING PAD: 3060 mm(W) x 1160 mm(L) x 250 mm(H)



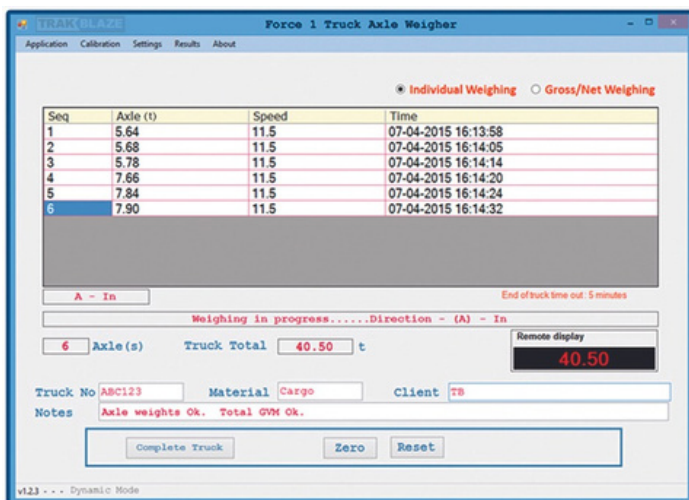
System Overview & High-Level Design



Static/Dynamic Controller - PC Software

The **FORCE 1** Transport system features a Trakblaze Static/Dynamic Controller with direct ethernet capabilities interfaced to your workplace PC, laptop or a handheld device.

The PC is preloaded with Trakblaze's user-friendly proven and reliable software. The total truck weight is then derived from the summation of the individual axle loads and displayed on the PC interface and external remote LED display whilst also printed out for log books or archiving.



FORCE 1 - User Friendly & Reliable Software

Alternatively, for dusty or challenging environments the FORCE 1 controller can be upgraded to a rack/wall mounted rittal enclosure turnkey.

Whatever your workplace or challenging environment is, the FORCE 1 system and Trakblaze have the bespoke solutions to ensure your loads are weighed with unbeatable speed, reliability and accuracy.

Technical Data

Capacity:	30t Axle
Dimensions:	3060mm(W) x 1160mm(L) x 250mm(H) - nominal
Static Accuracy:	± 0.05% GVM (depending on site conditions)
Dynamic Accuracy:	± 0.5% GVM (depending on site conditions)
Voltage:	110 - 240 VAC
Available Options:	Remote LED Display/s Automatic Number Plate Recognition (ANPR) Camera Traffic Lights stop/go Automatic boom gate VMS Volume Metric Scanner RFID Tag reader

Note: Subject to change without notice. Images are for illustration purposes only. Speeds and accuracies may vary based on site conditions and vehicle operation.



FORCE 1 with traffic lights stop/go and our volumetric scanner



FORCE 1 weighing platform



Automatic Number Plate Recognition (ANPR) & Remote LED Display



FORCE 1 weighing platform



Automatic Number Plate Recognition (ANPR)



Remote LED Display