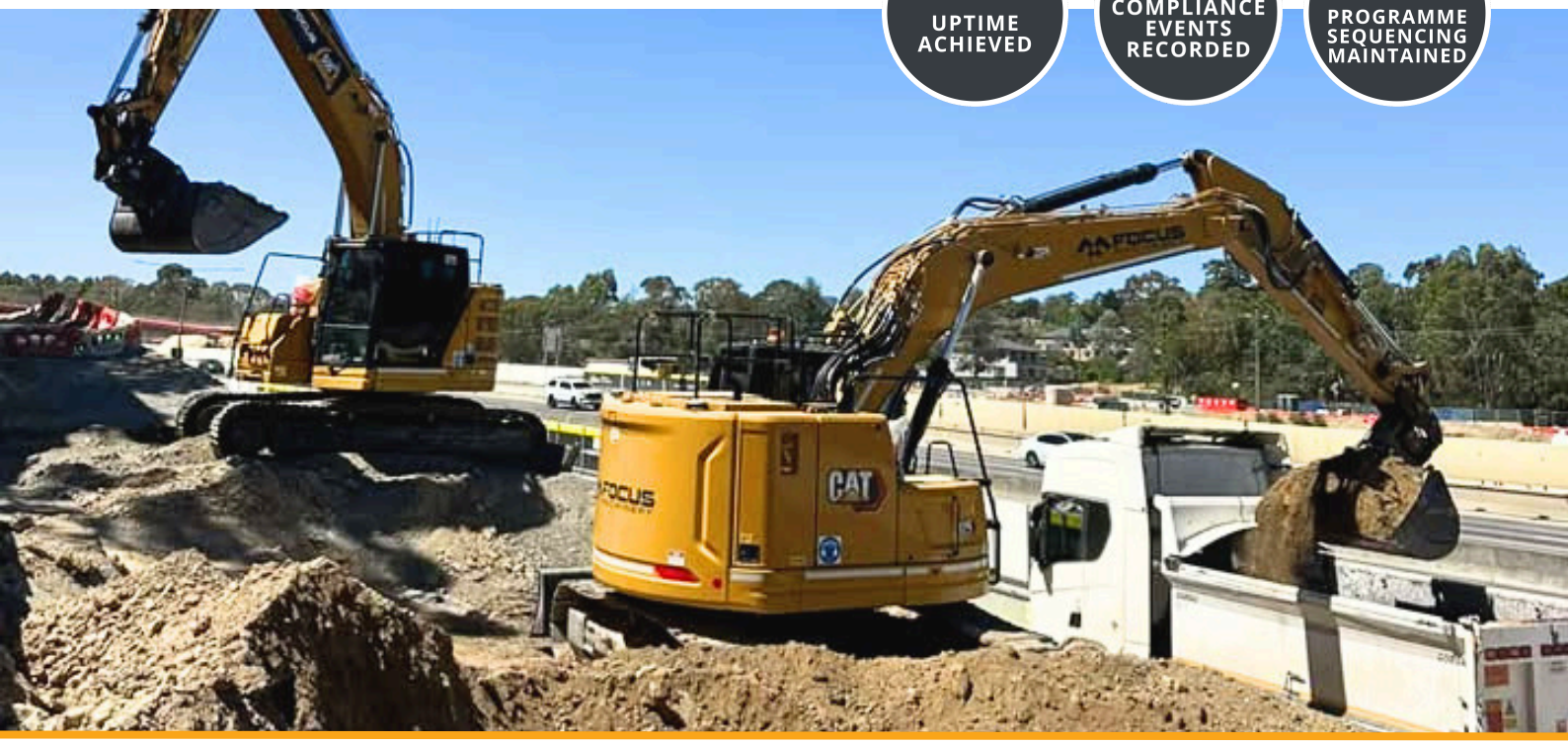
# PRECISION PAYLOAD MANAGEMENT ON THE EASTERN FREEWAY UPGRADE

## CASE STUDY

**100%** UPTIME ACHIEVED

**0** COMPLIANCE EVENTS RECORDED

**100%** PROGRAMME SEQUENCING MAINTAINED




**Project:** Eastern Freeway – Bourke to Tram (EBTA)

**Industry:** Major Road Infrastructure

**Location:** Bulleen, Victoria

**Project Scope:** Supplying excavator-mounted onboard weighing systems to support compliant and efficient material movement within a constrained infrastructure work environment.

## THE **PROBLEM**

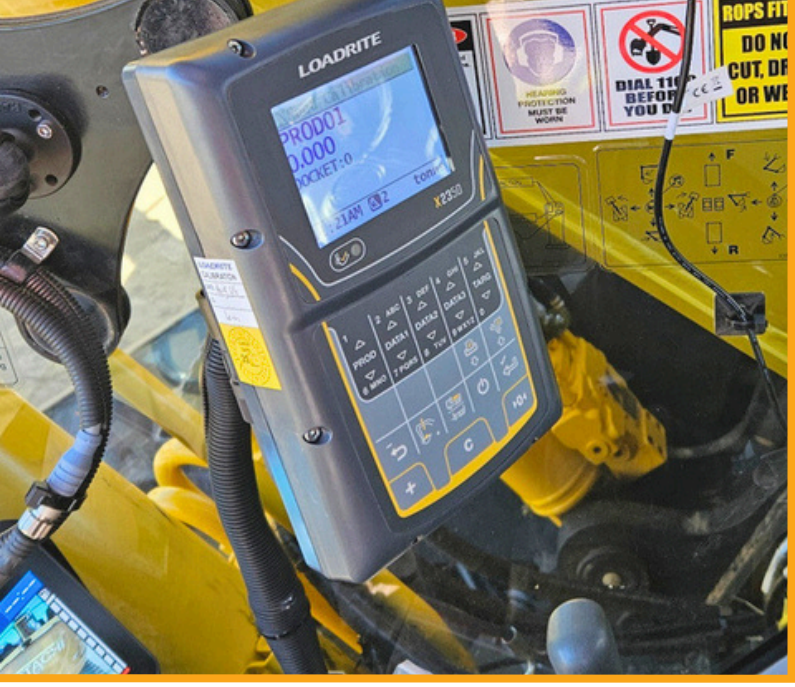
Works on the Eastern Freeway – Bourke to Tram (EBTA) project required accurate payload monitoring and material tracking within a constrained live site environment.
Limited available space meant a traditional weighbridge setup was not feasible.

Without reliable onboard weighing, the project risked:

- Trucks entering public roads above legal weight limits
- Inconsistent payloads reducing haulage efficiency
- Increased material handling costs
- Productivity impacts caused by inaccurate truck loading

The project required specialist onboard weighing capability integrated directly into the excavation fleet to maintain compliance and operational efficiency across the project.

FOCUS MACHINERY






## THE **SOLUTION**

Focus Machinery supplied:

- 2 x Sumitomo SH235X-6 25 tonne excavators
- Integrated LoadRite onboard weighing systems
- 3D GPS-equipped machine packages

The LoadRite system allowed operators to accurately monitor payloads directly from the excavator during loading operations, removing the need for a conventional weighbridge setup while improving loading consistency and compliance control across the project.
Prior to mobilisation, Focus Machinery installed, commissioned and tested the LoadRite systems to ensure the machines arrived site-ready for immediate production use.

## THE **RESULTS**

The configured machine package supported accurate and efficient material movement operations across the project without equipment-related delays.

- 100% uptime achieved
- Programme requirements maintained
- Zero compliance events recorded
- Rapid resolution of minor system app issues

The specialist onboard weighing configuration allowed the project team to maintain payload accuracy and compliance without the footprint and operational limitations associated with a traditional weighbridge solution.

**Compliance | Performance | Reliability | Certainty**

**Go Ahead and Dig®**

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