

WAYMO

ML at Waymo

Paul Tsui
Head of ML Platform
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Confidential and proprietary



THROUGH DEC 2025

170M+ rider-only (RO) miles driven

[MORE ON WAYMO.COM/SAFETY](https://waymo.com/safety)

Compared to an average human driver over the same distance in our operating cities, the Waymo Driver had:

OVERALL CRASH REDUCTION



92%

Fewer serious injury or worse crashes



83%

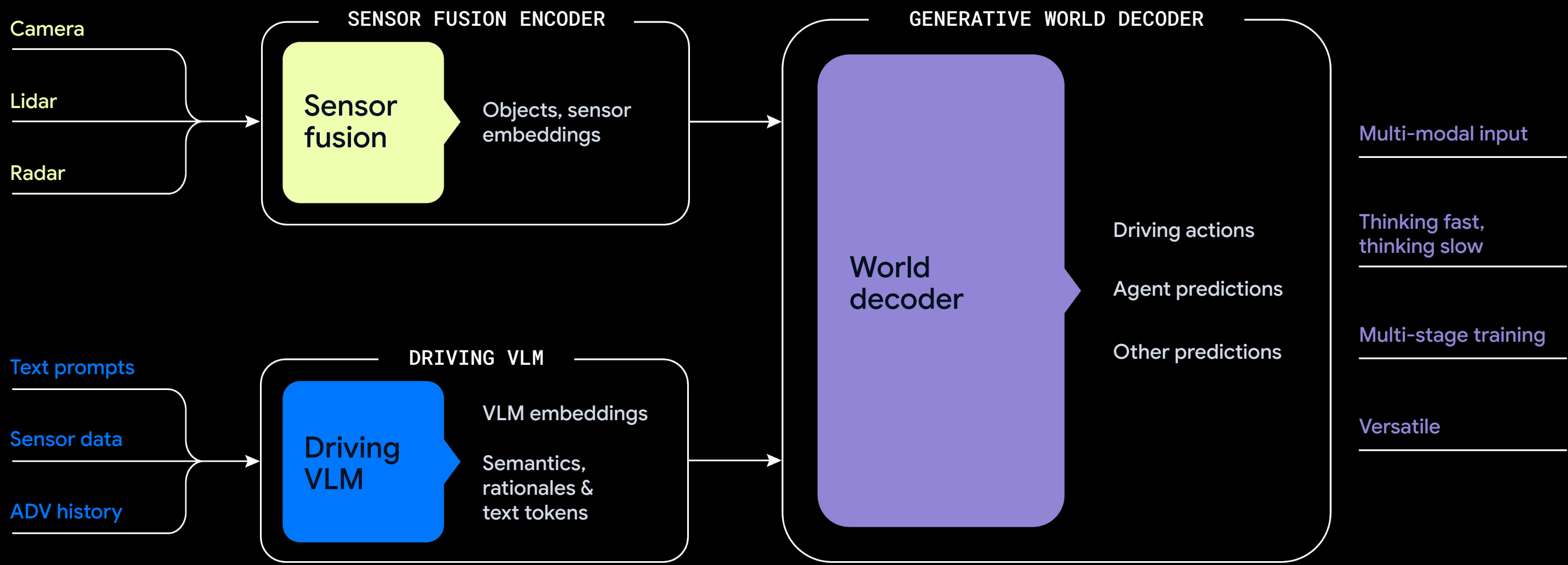
Fewer airbag deployment crashes



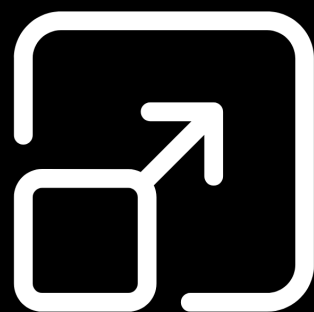
82%

Fewer injury-causing crashes

The Waymo Foundation Model

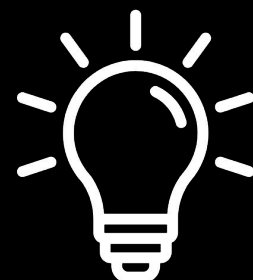


Key Challenges in Waymo's ML Systems



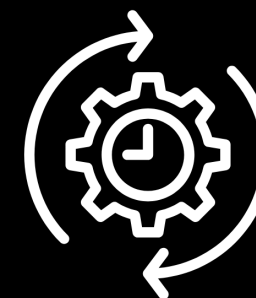
Scalability

Scaling ML Infra to reliably train larger models with bigger datasets.



Efficiency

Training ML models more efficiently, such as identifying the most valuable data.



Latency

Reducing the latency of our ML lifecycle to always learn from the latest driving data.

WAYMO

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