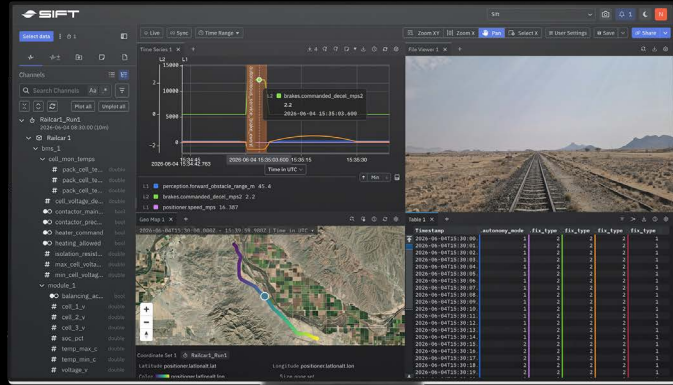


How Parallel Systems cut infrastructure costs 85% and kept every data point

Parallel Systems moved to Sift to cut infrastructure costs 85% and put engineering velocity back on building autonomous freight rail.



Parallel

85%

reduction in infrastructure costs

\$140k

engineering cost savings per year

150+

hours saved per engineer per year on data review

Minutes

Time to per-vehicle analysis

IN THEIR WORDS

“With so much riding on these machines, every engineer diverted to fixing our dated telemetry system feels like lost momentum. We needed a modern solution to help move us forward.”

—Tom Praderio, Director of Engineering, Parallel Systems

CORE CAPABILITIES

Cut storage costs without throwing away data. Parallel generates enormous volumes of vehicle telemetry they can't afford to lose. With Sift, Parallel generates all the data it wants and still pulls longitudinal insights across vehicles, without ballooning cloud bills.

Catch anomalies across an entire fleet in minutes. Parallel analyzes vehicle behavior across a growing fleet, not just one railcar. On Sift, the team automatically flags issues and anomalies, running detailed, long-term analysis of each vehicle in minutes.

Generate regulator-ready reports without the manual grind. Parallel's engineers must prove to regulators and customers that autonomous rail meets or exceeds conventional freight safety. With Sift, they automate the entire process from data review through report generation.

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