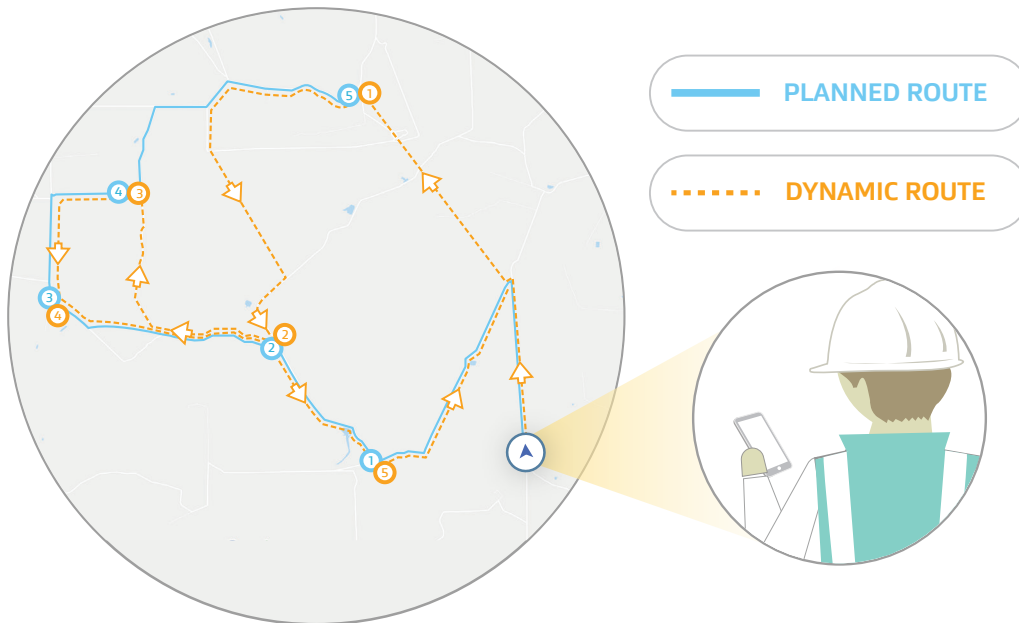


ROUTE OPTIMIZATION

Dynamic Routing Saves One Hour Everyday for Every Operator in a Permian Oilfield

High Value Assets Prioritized with Dynamic Routing

An oil and gas industry leader in Permian reduced risks and increased production by addressing high value wells on priority with Dynamic Routing of its operators. Dynamic Routing algorithms in JOYN identify high priority events based on the risk scores configured by assets, and their location to update the sequence of stops for lease operators on those particular routes. The lease operators access the updated stop sequence on their JOYN app on the go to pump by exception.



An Hour Saved in Drive Time For Every Operator Everyday

The lease operators no longer visit office to collect their daily routes. Instead they get their stop sequence on their JOYN app and follow optimized routes to save time and address high priority assets first. Earlier, the lease operators would drive for over 4 hours a day and follow fixed route to check every stop. Dynamic Routing directs them to the stops they need to be, reducing drive time by over 25% . Now they drive for less than 3 hours, getting over an hour back, every day, to deliver more.

Live Tracking Provides Visibility for Prompt Action

Field supervisors track every lease operator on a satellite map dotted with the assigned sequence of stops with GPS enabled live tracking. The supervisors can track minute details of time spent by operators at each stop, or any deviation in planned routes to flag exceptions and take required action, immediately, removing latency in the system.