

## *Case Study*

# FlowDrive

### Design a seamless handover from driver to vehicle

FlowDrive is a patented technology developed by Ghost Autonomy that enables **seamless handovers from the car to the driver and back** without having to “activate” a self-driving mode or press buttons. This solution offers the most intuitive and straight forward experience for the driver to engage self-driving the car. The innovation? Letting the driver do what feels natural instead of waiting for them to activate self-driving. The technology is based on a combination of using hundreds of **sensors** to understand and adapt to the situational behavior of the driver and an AI trained to ensure the safety of the driver in- and outside of the car.

### *Project Brief*

#### *Timeline*

2018–2023

#### *Scope*

Human Interface  
HW/SW Experience  
Applied AI

#### *Contributors*

Basheer Tome  
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#### *My Contributions*

Product Ownership  
Product Architecture  
User Research  
Product Design  
HW Interface Design  
Technology Invention



The *FlowDrive* system allows a seamlessly blended driving experience from full human control, partial control, to full self-driving by fusing knowledge of the driver, car, and environment.