

The End



Planning for flexibility

This innovative approach to building a unified HMI represents a significant advancement at a speed ten times faster than the industry standard, as conventional automakers often lack the requisite understanding and inclination to adopt such an architectural framework.

As CEO John Hayes emphasized, “*they don’t even know what the world will look like in five years, yet they plan for it with little flexibility*”.



4 Patents

Anticipatory vehicle headlight actuation

Automatic ergonomic seat adjustment

Modifying display parameters using gaze

Automated occupant protection in stationary vehicles



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

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My Contributions

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