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Vision

People who drive for long hours during work often has a need to stay in contact with family, friends and colleagues. This leads to drivers using their phones and other devices when driving which distracts them from the road. According to Olson et. al. the most common and severe cause of distraction while driving is text messaging. To help the drivers with this problem the android application Obama(On Board Auxiliary Messaging Application) will give the drivers the tools to communicate using text messaging more safely.

To allow Obama to be used on the road it should support safe and simple text communication and be comfortable and easy to use. The application provides features such as integration with the trucks software system and a user interface that is specifically designed to be used in a truck. This allows the app to be safe by changing the interface based on the state of the truck. It also features predefined messages, which are customizable, and text-to-speech and speech-to-text. This makes it quicker to compose a text inside the stressful environment of a truck. Compared to other similar products on the market today our application is the first of its kind to be integrated with the truck.