QfN

AT&T

ERICSSON

SAMSUNG

Sleeping At The Wheel

Artificial intelligence help make highways safer.

An Award Winning Team

Over 20 years of experience building artificial intelligence systems.

Multiple Fortune 500 Awards in innovation and artificial intelligence from Intel, Amazon, Ford, AT&T, Ericsson and Samsung among others.

Numerous patents that were granted, and subsequently licensed and sold to Microsoft as well most major institutions.

Experience using artificial intelligence solving hard problems in numerous industries from Social Media, Marketing, Health, Mobility and over 15 years serving the hedge fund industry.

About Us

QfN *no opinions. just math.*

We are an experienced, award winning team with years of experience using artificial intelligence to solve some of the world's hardest problems.

Situation

Certain stretches of highway induce “highway hypnosis” and are more prone to accidents for truck operators.

Many fleet truck drivers operate while exhausted from a lack of sleep causing significant and mostly fatal accidents.

In addition, even while not sleep deprived, certain stretches of highway induce “highway hypnosis” and are more prone to accidents for truck operators.

The challenge was to find a wearable, wireless enterprise solution to assist fleet operators in identifying when their drivers are operating at less than peak alertness, and to identify problematic routes and stretches of highway that are prone to accidents.

Task

Determine when a driver is operating at less than peak alertness.

Action

Fourth-generation artificial intelligence capable of learning about the individual, unique patterns.

We developed a pro-active solution that combined Samsung Wearable technology, combined along with Ericsson Mobile networking infrastructure.

This was married with an artificial intelligence that monitored each driver individually. When the driver would begin to exhibit low-alertness, the AI would record the data on an enterprise mapping solution, and alert the control base of the drivers.

A supervisor could then contact the driver over the radio to assess their ability to keep driving safely.

Result

The solution won awards from Samsung, Ericsson and AT&T for innovation.

The AI was able to identify dangerous stretches of highway, and to identify drivers who were for any reason less than fully alert.

This allowed fleet operators to adjust routes and sleeping schedules to improve road safety.

- Each driver is unique.
- Different stretches of highway are risker than others.
- By utilizing advanced artificial intelligence, AI can help identify when a driver is at risk.
- Armed with this information, fleet managers can be proactive to help keep our highways safer.

Summary

4th Generation Artificial Intelligence helps fleet and truck operators stay safe, and keep our roads safe for them, and the rest of us.

The Next Step

Contact us to discuss how this level of artificial intelligence can solve your business challenges.

Contact one of our Solutions Specialists:

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