German Autolabs

THE DIGITAL CO-DRIVER
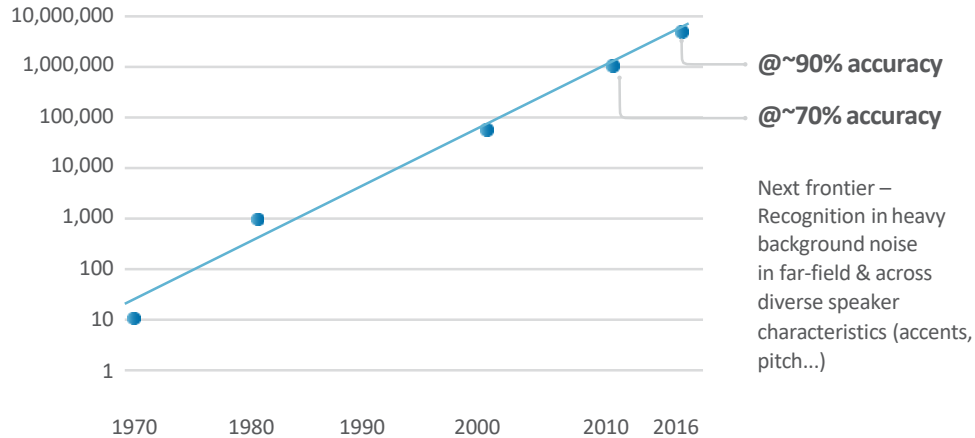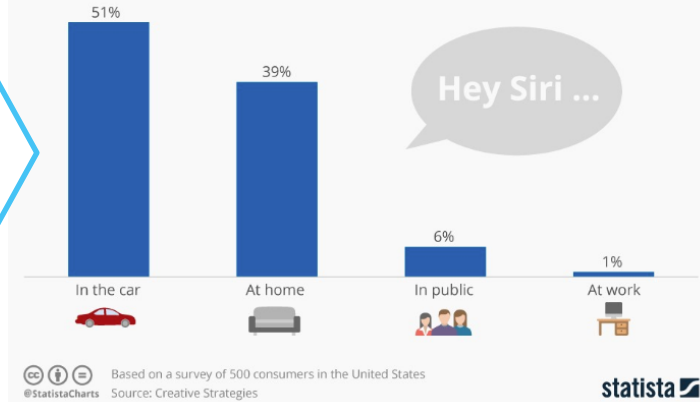
Full Stack Voice AI platform for Automotive

(credits: Warner Bros.)

Conversational interface on the rise - Automotive in lead position

Words recognized by machine (per Google), 1970–2016

- @~90% accuracy
- @~70% accuracy

Next frontier – Recognition in heavy background noise in far-field & across diverse speaker characteristics (accents, pitch...)

Where People Use Voice Assistants
Users of smartphone-based voice assistants who use them in the following locations

- In the car — 51%
- At home — 39%
- In public — 6%
- At work — 1%

Hey Siri ...

Based on a survey of 500 consumers in the United States
Source: Creative Strategies
@StatistaCharts
statista

Source: Mary Meeker Report, June 2016

Verticalization of assistants

We are the "co-driver"

"Helping Hand"

"Co-driver"

„Navigate me to work and keep me informed on traffic allerts.“

"Professional Assistance"

Digital Assistant

•Artificial Intelligence • Voice • Natural Language Understanding • Machine Learning • User Interface

Arbitration Layer

„Alexa, reserve table at „Da Mario“ and put it in my calendar.“
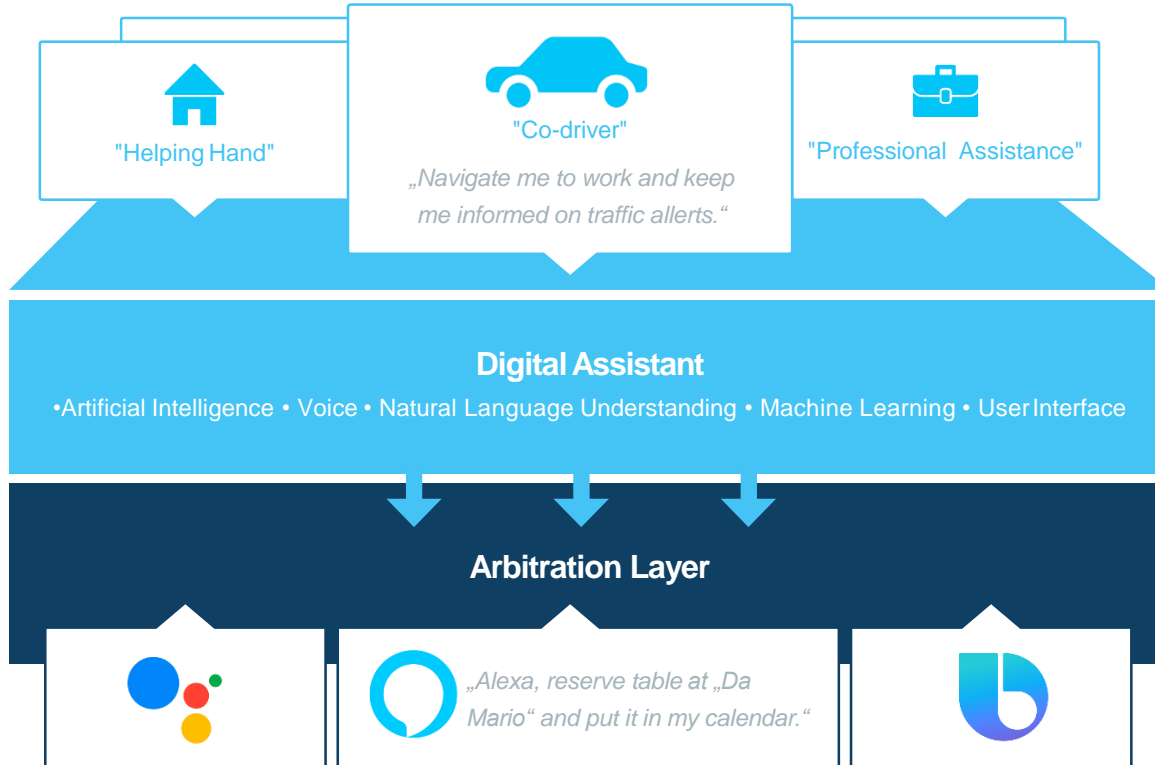
- Automotive Domain Related Features
- „Co-driver“ behaviour – know the road ahead
- Understanding car related sensors and comands
- Privacy related data
- Hybrid usage

- Generic, horizontal services
- Access all skills and features in the car
- Agnostic major platforms

But what is the secret of a great co-driver?

He knows what´s ahead of the driver!

Building a holistic platform for cognitive assistance

Apps & services
According to drivers' needs

External sensors
Retrofit & embedded

Behavioral data
Improve performance

Input & output
Custom user experience

Incident data
Improve service

Get in touch

Business Development

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