

SPEAKER - A SPEECH ASSISTANT PLATFORM »MADE IN GERMANY«



Johannes Fischer

Our voice assistants will simplify human-machine interaction in a professional environment.

We provide outstanding AI technologies

A team at two institutes builds on technology expertise and successes

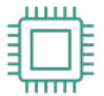
Fraunhofer IIS



1100+ Employees
12 Locations
Main location: Erlangen



Core competency:
Audio & Media technology,
Cognitive sensor technologies



Great success and long experience
in global licensing of audio
technologies (mp3, AAC, EVS,
MPEG-H, Symphoria, Up-Hear),

Technology Preview:
Speech Synthesis



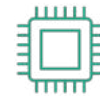
Fraunhofer IAIS



300+ Employees
Locations: Sankt Augustin
and Dresden



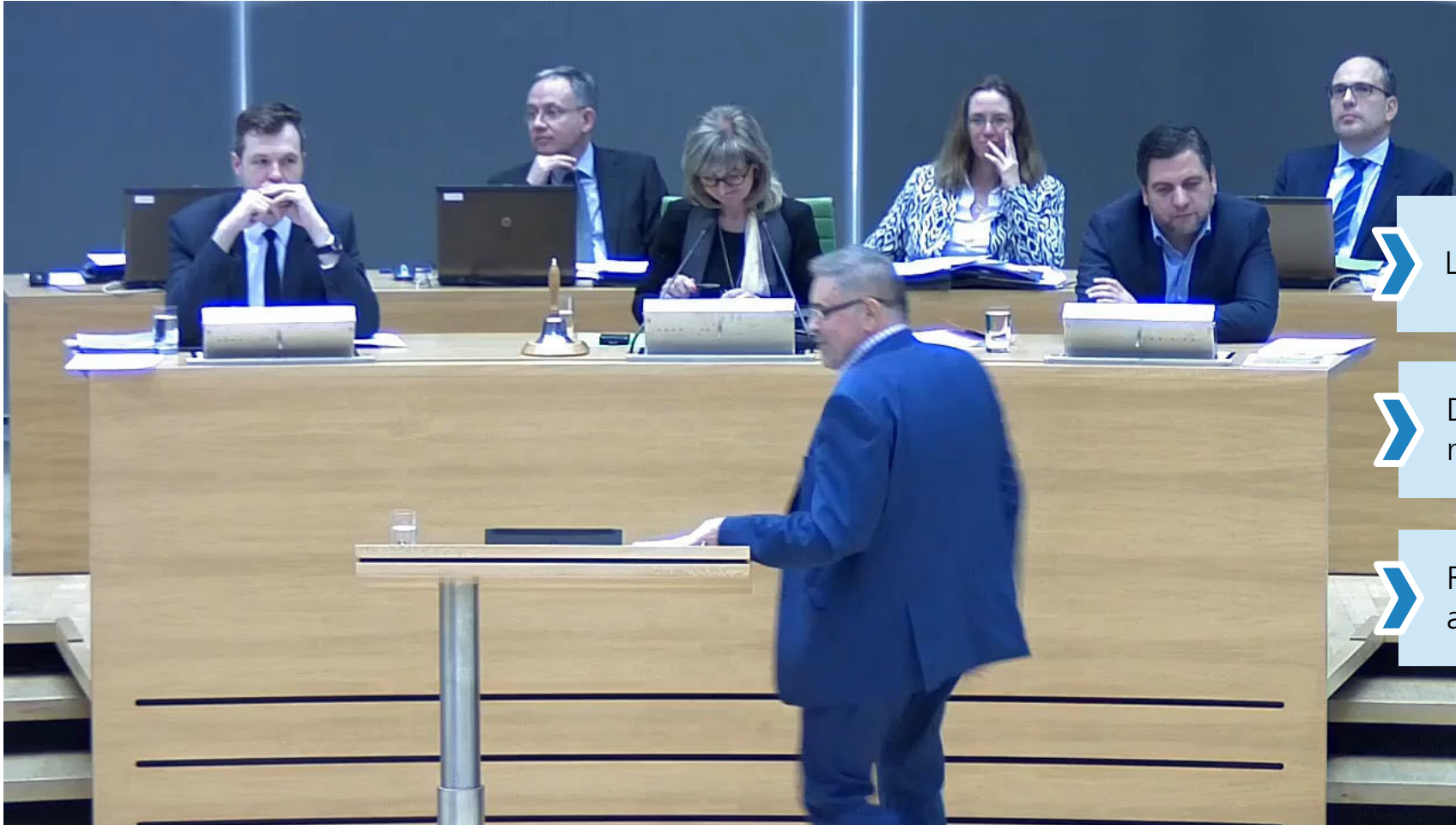
Core competency:
Artificial Intelligence / Machine
Learning



Leading technologies in speech
recognition, knowledge graphs
and Question-Answering

Technology Preview:
Speech Recognition

Fraunhofer – Automatic Speech Recognition



Live and in real-time



Domain specific vocabular and politician names are recognized correctly



Recordings are stored in safe data centers at the parliament

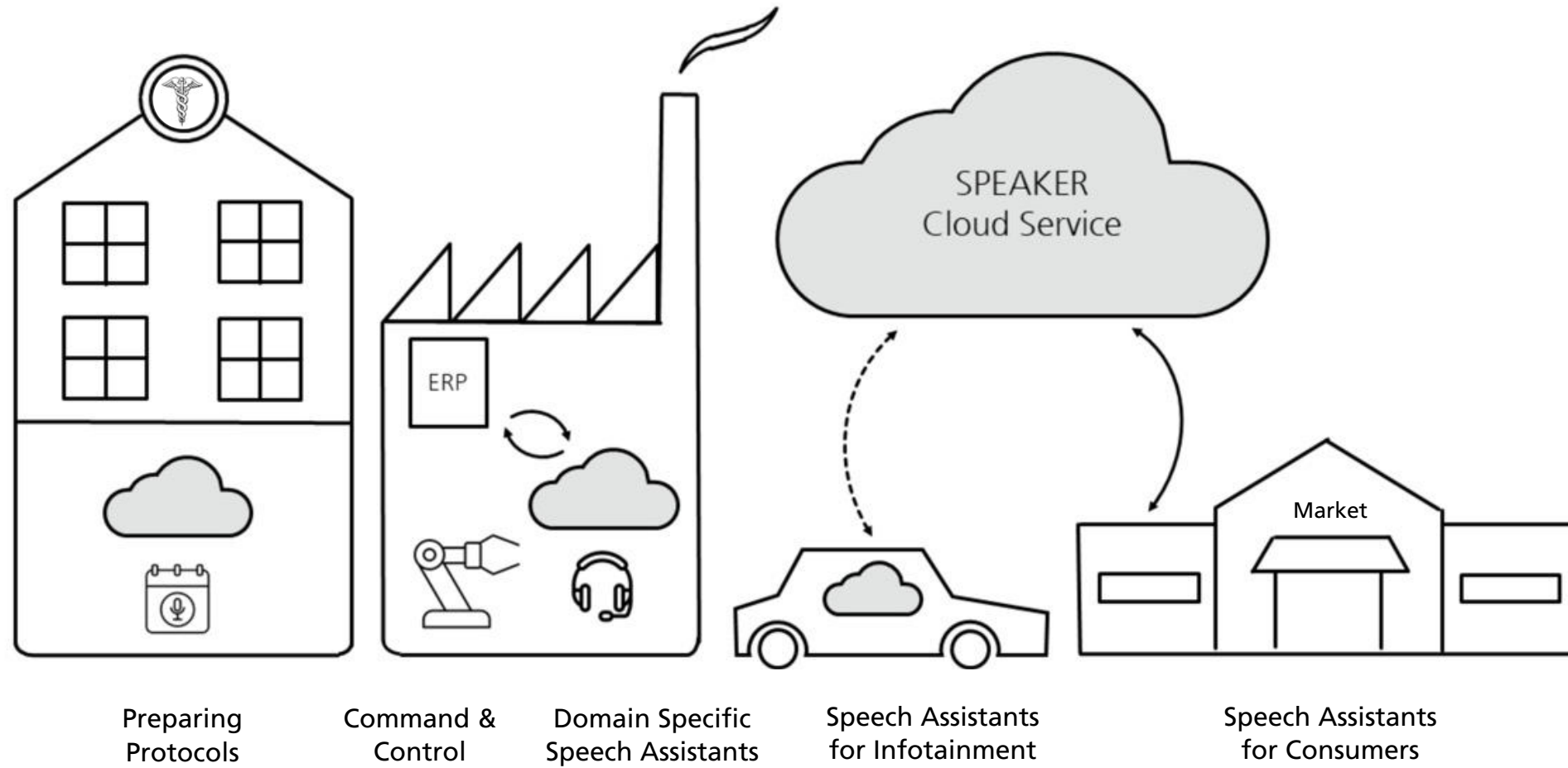
SPEAKER Project

Refine and complement existing Fraunhofer technology components

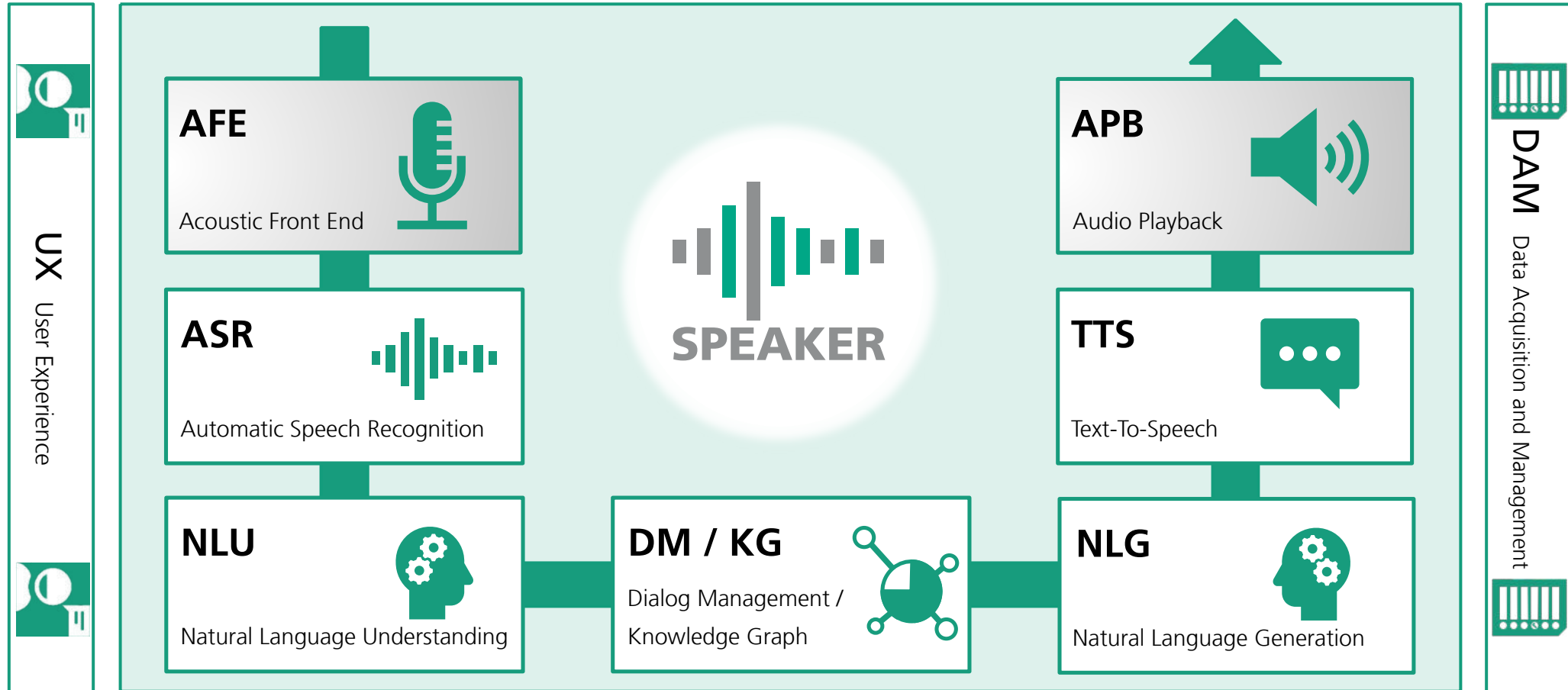
Requirements of our partners and the German economy:

- ✓ Uncompromised Data protection
- ✓ Customizable technology components
- ✓ Modular architecture of the platform
 - ✓ Also single modules can be used and interfaced by other platforms (ELG, etc.)
- ✓ Interoperability with existing processes
- ✓ Technology stack focusing on German and English
- ✓ Piloting our technology stack in applications together with our consortium partners

SPEAKER – Industry Sectors



Fraunhofer Technology Stack



SPEAKER - Consortium



Gefördert durch:



aufgrund eines Beschlusses
des Deutschen Bundestages



Sprachassistenten für das professionelle Umfeld

Höhere Effizienz, barrierefreie Kommunikation, Entlastung von Mitarbeitenden – das sind nur einige Vorteile von Sprachassistentenlösungen im beruflichen Kontext.



www.allinga.fraunhofer.de



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<https://www.speaker-projekt.de/>

<http://www.iis.fraunhofer.de/amm/>