



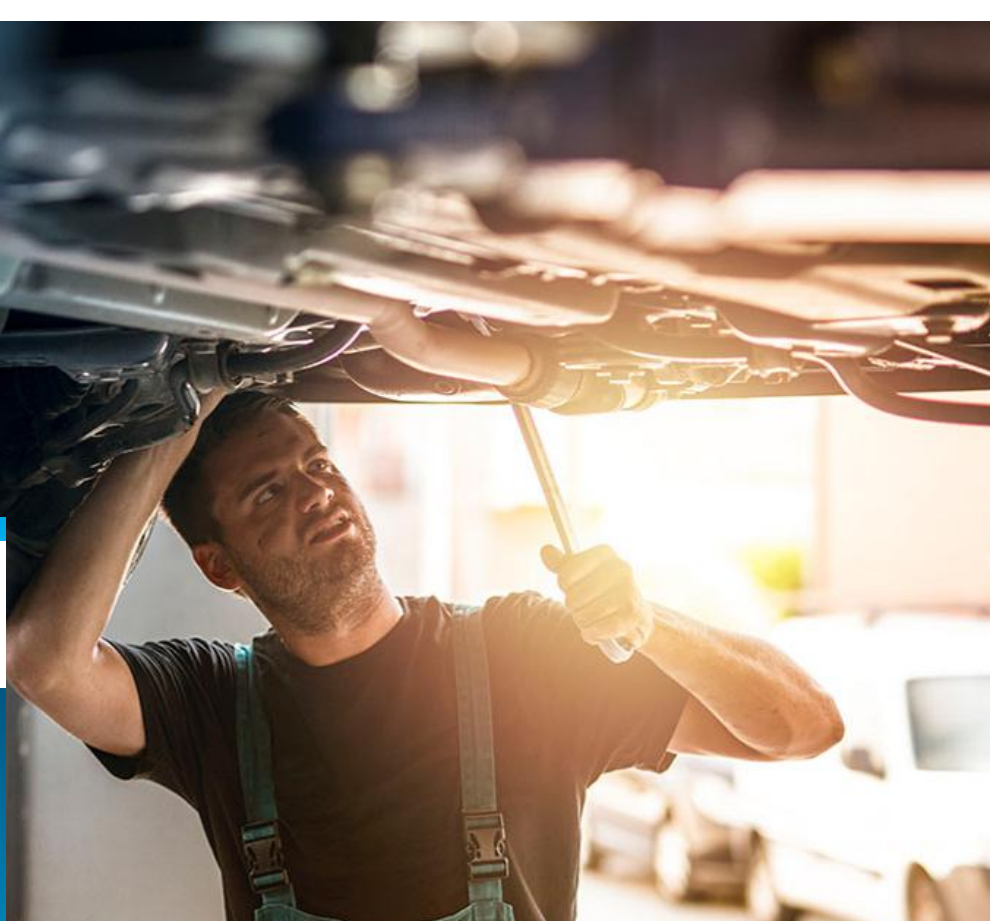
Inspection Assistant

„Hands-free“,
directly via voice input

Time and cost savings

Fault reduction

Work more comfortably



INSPECTION ASSISTANT

More comfort with AI

Technicians have to interrupt their work far too often in order to record a written protocol of the defects. In this context, error-prone and time-consuming paperwork has to be done, which involves a lot of "interruptions".

This is where the KENBUN Inspection Assistant can help.

The entry of defects is thus possible via speech, i.e. the technician still has both hands free and does not have to interrupt the inspection. KIDOU transcribes the speech of the technician and maps the words to a defect by recognizing defect location, defect type and severity.

Likewise, individual control of a customer app by speech is possible, e.g. navigation, taking a photo, capturing free text information.

Examples



Logging the defects by voice

The defect information is transferred directly to the customer's existing apps and backend systems, so no further manual steps are required. In the case of voice input, KIDOU provides active feedback in the event of an error, e.g. if the input is incomplete.

What about the technical terms?

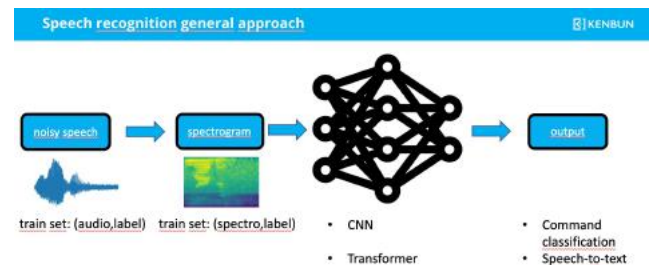
For the speech input of the inspection results, technical terms are essential in this use case, which speech systems do not always understand. To ensure that KIDOU can reliably recognize the necessary technical terms, both the acoustic model and the speech model are adapted in a training process.

We will work out your individual technical terms with you!

In the integration and implementation process, which we carry out together with you, the system is further trained and optimized. The training data required for this is partly generated automatically by KENBUN and partly entered by the customer.

Identify and filter out interfering and ambient noise!

With our voice technology and intensive training, disturbing background noises, such as noise in a factory or workshop, can be analyzed and filtered out.



Your data is safe!

Companies with high data protection requirements can manage their data in the in-house server (on-premise). Individually, they are also available in the cloud or as hybrid solutions.

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