

Information | Last modified 07/2024

Measuring Point 1

Digital logging of the train readiness message by voice

Speak up!

The train readiness message (Measuring point 1) for the provision of trains is transmitted by the train driver to the dispatcher via board radio. The time of the message and the information transmitted (start, destination, train number, peculiarity) are not currently logged.

The aim is to extract the relevant information from the conversation with the help of speech technologies and make it available in near real time for all DB business units involved in the provision. This would enable Deutsche Bahn employees to react to possible delays earlier and initiate appropriate measures. In addition, passengers at the departure station could be informed of upcoming delays sooner and more accurately.

Change existing processes? No, Thanks!

The railway operations process remains untouched and the key data of the message (start, destination, train number and peculiarity) are extracted from the call by AI.

Our services

- Use of AI-supported technology: speech recognition, speech synthesis, entity recognition, etc.
- Data protection-compliant and IT-secure

References

- Verbundprozess Züge Bereitstellen
- DB InfraGO
- DB Fernverkehr
- DB Regio

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- With the survey of measuring point 1, process improvements can be derived and **approx. 27,000 lost units can be saved cost-effective**
- With the delivery of a high-quality and valid measuring point 1, **the delay forecast could be communicated up to 40 minutes earlier**

Benefits

- Obtaining reliable data about the measuring point 1 a few seconds after the message has been spoken
- Possibility of deriving process improvements by comparing ACTUAL and TARGET data
- Easier work for train drivers and dispatchers
- Significant improvement in the precision of passenger information

