
COMPRISE FEATURES TWO MAIN BRANCHES:

The operating branch runs a spoken dialogue system on the user's device or on a personal server. The dialogue outcomes are sent to the company delivering the desired service only.

The training branch removes personal information from voice data using privacy-driven text and voice transformers. The transformed data are sent to the COMPRISE Cloud-based Platform to train the spoken dialogue system.

COMPRISE VOICE TRANSFORMER

Prevents biometric identification of the user by converting his/her voice to another random person's voice while preserving the spoken message.

Validated through state-of-the-art biometric protocols.

Based on cutting-edge deep learning and speech processing technology.

Can be followed by the **voice builder**, which further discards sensitive words and expressions.

COMPRISE TEXT TRANSFORMER

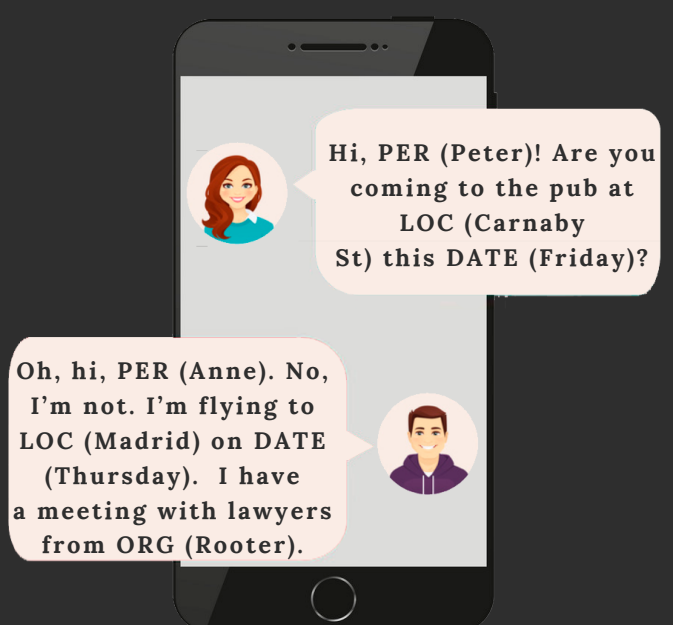
Replaces words and expressions carrying personal information by random alternatives while preserving the sentence structure.

Applicable to all kinds of text documents in addition to spoken dialogues

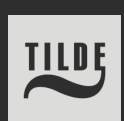
Based on cutting-edge deep learning and natural language processing technology.

Provides formal differential privacy guarantees.

Focuses on PER (persons' names), ORG (organisations), LOC (locations), DATE and TIME:



Rooter



COMPRISE

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