



PRIVACY POLICY

MORIBUS - ADFÆRDSAKTIVERING

Juni 2017

This document is designed to deliver a total transparency about our policy on collecting, storing, and using data from the MORIBUS app.

MORIBUS is developed and maintained by PhD student Darius Adam Rohani and colleagues at the Copenhagen Center for Health Technologies (Cachet). Cachet is located at Richard Petersens Plads, Building 324, room 160, 2800 Kgs. Lyngby and is running the MORIBUS project together with the Technical University of Denmark (DTU) and the Medical & Health Faculty at the University of Copenhagen, Denmark.

If you do not find the answers to your questions in this document, please feel free to contact PhD student Darius on following e-mail: daroh (at) dtu.dk

PERSONAL DATA

MORIBUS does not collect ANY data that can be linked to you. We do NOT request your cpr-number, name, address, e-mail, phone number or any other information that can identify you.

MORIBUS is built on top of SENSUS, the framework responsible for the collection of sensor data. It is developed by the Predictive Technology Laboratory, University of Virginia USA. The team behind SENSUS have done tremendous work to assure encryption and anonymization of the data.

Detailed explanation of the different sensor data collected is given below:

1. Battery level
Every 15 minutes we sample the battery level of the phone.
2. Bluetooth sensor
When a Bluetooth device is within range of the phone, the ID of that device is stored.
3. Cell tower binding
When the phone is connected to a new cell tower, we store the ID of that tower.

4. GPS Location
Every 5 minutes we sample the longitude and latitude. These values are rounded to nearest thousands in decimals. This means that the precision is within 110m. In this way we anonymize your home location but in the same time collect valuable behavioral patterns.
5. Light level
Every time the light levels of the surroundings change, we sample the light intensity.
6. Phone calls
The number of incoming and outgoing phone calls are stored. The exact phone number is anonymized by a hashing technique where the digits are converted to random numbers.
7. Screen activity
We record every time your screen is turned on
8. SMS messages
The number of incoming and outgoing SMS messages are stored. The exact phone number of the SMS is anonymized with same hashing technique.
9. Sound level
Every 10 minutes the microphone is turned on to record the sound level which is measured in decibel.
10. Wireless internet ID (SSID)
When you connect to a new SSID we sample the ID of that access point.

We want to make it clear that MORIBUS is not collecting any personal identifiable data. We apply anonymization techniques (hashing) to remove all phone numbers. No phone conversations are recorded. The statistical calculation of the voice level is done on the phone.

DATA MANAGEMENT

The sensor data is stored locally on the phone. When a Wi-Fi connection is available data is transferred from the phone to a remote Amazon Web Service (AWS) S3 storage. Data will be located on an AWS server in EU (Ireland) and is automatically encrypted once uploaded.