Proposal: BlueTransience

Carolin Zöbelein*

July 12, 2020

Status: Just an idea

Abstract

A Bluetooth based, short memory, social media mobile network app.

Keywords: Bluetooth, Mobile App, Social Media, Natural Disaster, Political Demonstrations, Internet Shutdown

1 Problem statement

In natural disaster or difficult political situations, people still need the possibility for a privacy preserving social media communication possibility for fast exchange of information.

2 Solution concept

2.1 Kind

Type.

Mobile App

Area.

Data security

2.2 Short description

A mobile app which establishes a Bluetooth based social media network between all participating app devices. Designed to work decentralized, mesh, organized, with focus on participant anonymization. The social media data (posts, ...) will be only saved as short term memory, like in a brain short term memory (see e.g. Snapchat) and then, not reconstructable, permanent removed.

2.3 Aim

To protect privacy, in time critical social media communication during crises respectively sensitive political situations.

^{*}The author believes in the importance of the independence of research and is funded by the public community. If you also believe in this values, you can find ways for supporting the author's work here: https://research.carolin-zoebelein.de/funding.html, Email: contact@carolin-zoebelein.de, PGP: D4A7 35E8 D47F 801F 2CF6 2BA7 927A FD3C DE47 E13B, https://research.carolin-zoebelein.de, id: proposal_0020

2.4 Targets

- 1. Political engaged people at mass events (like e.g. political demonstrations) who needs a fast and flexible information flow of important news, but who also take care for their privacy just because of their political commmitment, at the same time.
- 2. People in areas of natural disasters in which an area-wide network coverage can not be guaranteed anymore and information flow is needed.
- 3. People in countries with temporary internet shutdown by government where an ongoing information flow is still necessary and the possibility to do this without fear of represssion.

License

If you like the idea and have more time like I do, feel free to take it and bring it to life. ⊜

https://creativecommons.org/licenses/by-sa/4.0/