

NORDICS TOKEN CONCEPT

Coronavirus contact tracing

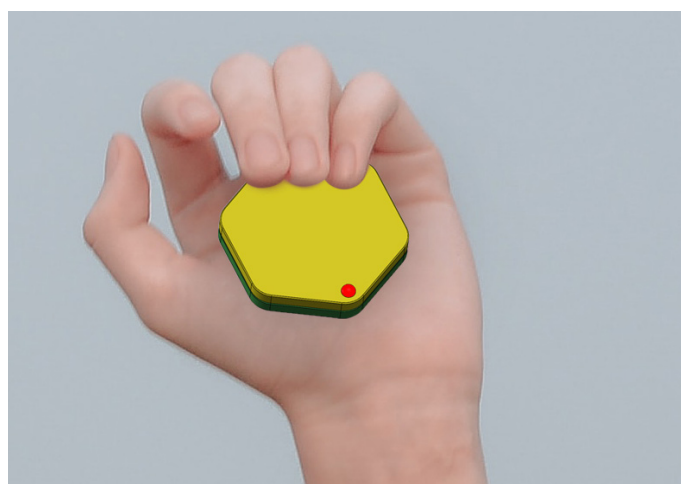
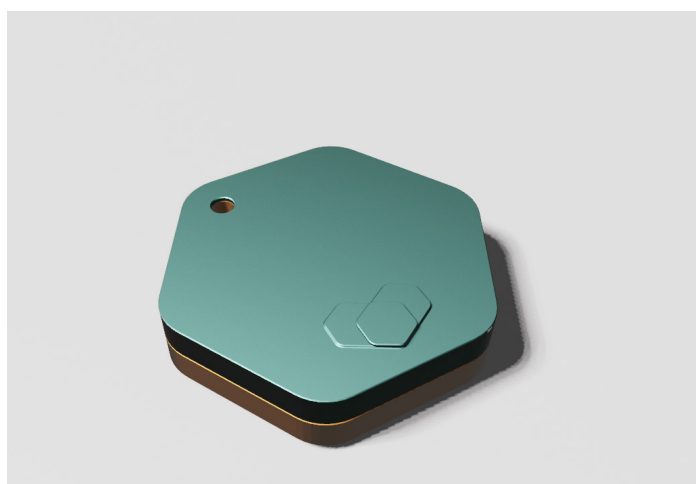
The Nordics Token project aims at developing epidemic tracing with physical Ultra Low-Power Tokens. The project coordinated by VTT Technical Research Centre of Finland is supported by EIT Digital, which is a leading European digital innovation and entrepreneurial education organisation driving Europe's digital transformation. EIT Digital is part of the European Institute of Innovation and Technology (EIT), an EU body set up by the European Union in 2008 to strengthen Europe's ability to innovate.

NORDICS TOKEN CONCEPT

Nordics Token is a solution under development that enables anonymous COVID-19 contact tracking with physical tokens. To use the solution, the user does not need to register with any system, and no one knows who has which token. The token itself is a small device that uses Bluetooth technology, with a very simple (LED) status display interface. Tokens can, for example, be carried in the pocket, or worn as bracelets, necklaces, etc.

The purpose of Nordic's Token solution is to inform individuals about their possible exposure to Covid-19 in an easy anonymous way. A person receiving the information via the token will have to follow the guidelines about Covid-19 exposure that are issued in their locality by the public authorities with regards to corona testing and quarantine to avoid further spread of the virus. The carrier/user of the token is the only one receiving this information.

In addition to the current Coronavirus pandemic, Nordics Token provides a contact tracking solution for any future pandemics. The solution for contact tracking is only to inform individuals who have been in contact with infected people. Nothing else.



HOW DOES IT WORK?



A user receives a small token (for example a keyring) with guidelines. The user is not required to register to any system or provide any personal information.



Tokens that are close to each other send a random code to each other. These codes are stored in a token.



A user gets the personal alert through a small LED light in the token about the possible coronavirus exposure. The alarm is not activated by individual encounters, but only if the user has previously been in contact with a person who has tested positive with Covid-19



If a person is diagnosed with coronavirus disease, the data in the token can be transferred to the backend system with users permission to trace contacts.

POSSIBLE SCENARIOS FOR THE NORDICS TOKEN USE

- Used by authorities to track corona infections
- Used in working environments by employers/occupational health to track corona infections
- Purchased by citizens who want to get informed if they have been exposed to the COVID-19 virus

Partner and contact details

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