



# COLIVE:

## One solution for all your real-life health data collection needs

- > **Organisation** (Luxembourg Institute of Health)
- > **From** Luxembourg
- > **Category** (Innovative Products and Technologies)

### SUMMARY OF THE TECHNOLOGY

For clinical and epidemiological researchers, pharma companies and CROs, who need one comprehensive solution to cover all their data collection needs, Colive is a health data collection app that provides a 360° view of the participant with real life data: Consent, questionnaires, voice, images, health tracking data, GPS, timestamps. Colive is modular and fully customizable to fit your research and your existing workflows. Colive can register and manage participants in a pseudonymized way for longitudinal data collection, making it a great tool for clinical, epidemiological and cohort studies as well as remote patient monitoring. Colive is already being used in large clinical and epidemiological studies in order to identify digital biomarkers and improve medical care for patients.

### ADVANTAGES

- > Customizable/modular solution to fit your needs
- > Real life data with 360° view of the participant (questionnaire, voice, picture)
- > High fidelity data collection with built-in data checks
- > Longitudinal data collection (for clinical trials, patient follow-up, remote monitoring)
- > Scalable (optimal for large cohort studies)
- > Data security by design (encryption, pseudonymization, role-based access control)
- > Seamless integration to your existing workflows



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## TECHNOLOGY AND IP STATUS

Colive is a modular and customizable health data collection app that enables researchers/companies to collect comprehensive real life data from their participants. In its current release, Colive can collect various types of data including questionnaires, voice and images. Upcoming releases will include additional functionalities such as health tracker and wearables data as well as geolocation and timestamps. Colive is a proprietary technology developed by LIH that is already being used in national and international population health studies for Covid-19 as well as for identification of vocal biomarkers.

## SERVICES OFFERED

- > Customization & deployment of the app
- > Hosting, storage, maintenance
- > Advanced data analysis and statistics
- > Integration of the app into existing workflows
- > Identification of digital biomarkers

## Details of the Technology Offer

Colive is created by scientists to address the needs of conducting comprehensive research, to collect all the relevant data points using one single app. It allows the researchers to collect multiple types of real-life data with an appealing and simple user interface. It works on Android and iOS end-devices as well as a Progressive Web App to maximise the ease of use by the participants.

Using Colive you can create questionnaires with various input types: dropdown, checkbox, radiogroup, rating, text-questions with text or numeric input. You can collect standardized selfies and voice recordings to supplement your questionnaires. Questionnaires can be set-up with internal logic/input controls to improve data quality. Colive is built with the principle of security by design and is GDPR compliant with its mandatory informed consent prior to data collection and 256-AES encrypted secure cloud based data storage.

Comprehensive data collection modules including GPS, health tracking devices and wearables as well as a central study management module are soon to be released. The study management module is a user-friendly non-coding interface for the researchers to customise the study setup, the questionnaires as well as the settings for data analytics & dashboards.

One of the most distinguishing features of Colive is its case-management functionality. For studies with recurring data collection, participants receive external login credentials and can provide data at preset intervals. The data is registered with the participant-ID to allow for longitudinal data collection. This feature makes Colive an ideal solution for clinical and epidemiological studies and for remote patient monitoring/follow-up (eCRF, ePRO). Colive can also as effectively be used in non-medical fields such as market research and field surveys.

Colive is already being used in the international Colive Voice study in order to identify vocal biomarkers and Predi-COVID, a stratification study to predict Covid-19 patient prognosis of disease severity and long-Covid. Upcoming studies Colive Cancer and Colive COVID will also be based on Colive technology.

Contact us to include Colive in your next project and boost your data collection strategy!

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