



**Conclusion:** A simple approach using the MQTT device-to-device communication standard to build safe medical interoperability solutions, which can be broadly disseminated, was extended by adding a rapid-development mobile application framework. Precompiled versions of InHealth for multiple platforms (Desktop, iOS, Android) will be made available in the near future to facilitate the open, collaborative development of new data collection systems for research, data integration and analysis tools for quality improvement or medical safety systems.

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