

Hospitalized Patient Monitoring and Early Treatment Using IoT and Cloud

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Abstract

© 2016, Springer Science+Business Media New York. The adoption of Internet of Things devices and, more in general, embedded systems, endowed with sensors and actuators, keeps rising globally, and the scope of their involvement broadens, for instance in e-Health applications. This work describes our integration of IoT paradigms and resource ecosystems with a tailored Cloud-oriented device-centric environment, by focusing on an e-Health scenario, featuring monitoring and early treatment of hospitalized patients, by focusing on Cloud-enabled event detection coupled with coordinated reaction.

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Keywords

CEP, Cloud, e-Health, Early treatment, IoT, OpenStack

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