

Anonymized Distributed PHR Using Blockchain for Openness and Non-repudiation Guarantee

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- David Mendes (1)
- Irene Rodrigues (1) Email author (ipr@di.uevora.pt)
- César Fonseca (2)
- Manuel Lopes (3)
- José Manuel García-Alonso (4)
- Javier Berrocal (4)

1. LISP, ECT, Universidade de Évora, , Évora, Portugal
2. Departamento de Enfermagem, Universidade de Évora, , Évora, Portugal
3. Rede Nacional de Cuidados Continuados, Ministério da Saúde, , Lisbon, Portugal
4. Universidad de Extremadura, , Cáceres, Spain

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Abstract

We introduce our solution developed for data privacy, and specifically for cognitive security that can be enforced and guaranteed using blockchain technology in SAAL (Smart Ambient Assisted Living) environments. Using our proposal the access to a patient's clinical process resists tampering and ransomware attacks that have recently plagued the HIS (Hospital Information Systems) in various countries. One important side effect of this data infrastructure is that it can be accessed in open form, for

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