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Healthcare Telematics

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Security Analysis of the German Healthcare Telematics

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Abstract:

The objective of this paper is an analysis of security issues of the forthcoming German healthcare telematics infrastructure. The current analysis reevaluates results from a former security analysis conducted in 2007/08 and introduces new results based on the updated specification documents of the German healthcare telematics. As a result, basics for further security analysis activities are given and corresponding security measures to overcome the identified vulnerabilities are derived. Due to the transferability of the healthcare telematics security concept, which is currently applied in Germany, the achieved results might be helpful for worldwide healthcare telematics projects in the future.