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on

The Security Issues in Medical Domain

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Aims and Scope

Security and confidentiality of healthcare data are essential in highly demands privacy-safe security to the clinical data of Medical Domain. Though the industry professionals and academic researchers are able to access the distinct capabilities of privacy-safe security today without any glitch, yet the upsurge of security issues in medical Domain has brought in a series of its encouraging as well as adverse implications. One of the major impacts, as observed, is the vulnerability of currently available security algorithms towards enhanced scalability, efficiency, reliability, and accuracy of healthcare service, further causing adverse impact on decision-making. Looking forward, Privacy -Safe Security enables the development of smart hardware as well as software platforms to, primarily, operate on communication systems. The goal of this special issue is to facilitate and stimulate cross-disciplinary research initiatives, successful implementations and potential implications in the Internet of Security pertinent to medical domain. With continuous advancements in the paradigm of Security, on one side, and superior medical care with advancing modelling of the human body on the other side, has led to an emergent eHealth strategy of the Security Issues in Medical Domain. It has the potential to drastically improve the quality of patient care and further, provide more reliable clinical data for increased efficiency and reduced costs. These systems have the capacity to compute thousands of times faster than the traditional healthcare Systems. This Special issue, significantly, explores niche in privacy-safe security algorithms and deep dive the impending challenges and concerns can be overcome through security issues in medical domain algorithms, in ever expanding and demanding field of healthcare.

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