A Survey on Data Privacy Approaches in Biomedical Sensor Network

Abstract

Wireless Sensors are a new class of devices. They have the potential of capturing, processing and communicating the data to the required destination within the given timestamp. Biomedical Sensor Network (BSN) is explicitly used for constant monitoring of patients. Within the hospital or extended care environment, there is an overwhelming need for BSN for effective patient monitoring and collaborative data processing. Data privacy is the relationship between the collection and dissemination of data. Privacy concerns exist wherever personal identifiable information is collected and stored-in digital form. Improper or non-existent disclosure control can be a root cause for privacy issues. In this paper, these concerns are discussed and how they are addressed by existing systems, and also discusses current issues and solutions to the privacy concerns in a BSN based system.

References

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A Survey on Data Privacy Approaches in Biomedical Sensor Network


Secure and Privacy Approach in Mobile-Healthcare emergency Using PPSPC technique

MOWNIKA. K, 2K. C. PRADEEP 1,2Dept. of CSE, KAKINADA INSTITUTE OF ENGINEERING & TECHNOLOGY., Yanam Road, Korangi, E. G. Dt,AP, India

Security and Privacy Challenges in Smart Sensor Networks
Cristian Tanas Dept. Eng. de la Informació i les Comunicacions Autónoma de Barcelona ctanas@deic.uab.cat
Cristina Pérez-Solà Dept. Eng. de la Informació i les Comunicacions Autónoma de Barcelona cperez@deic.uab.cat
Jordi Herrera-Joancomartí Univertsitat Autònoma de Barcelona jherrera@deic.uab.cat
IN3 - Universitat Oberta de Catalunya jherreraj@uoc.edu.


Location Privacy In UrBSN Sensing Networks: Research Challenges And Directions
Ioannis Krontirois, Goethe University Felix C. Freling, University Of Mannheim Tassos Dimitriou, Athens Information Technology.


M. Healy, T. Newe, and E. Lewis, "Efficiently securing data on a wireless sensor

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