

# Cybersecurity Supporting Sensor Integrated Wireless Communications

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**Abstract:** *The advent of sensing element networks as one of the key technological trends for the ensuing decades has presented academics with a variety of unique obstacles. These networks are possibly made up of hundreds or even thousands of tiny sensing nodes that operate independently and, in certain situations, lack access to renewable energy sources. Little-sized, resource-constrained sensing element nodes might result from value restrictions and the need for ubiquitous, undetectable deployments. Although there are many issues in sensing element networks, in this research we choose to focus on security of Wireless sensing element Network. We prefer to suggest a few security objectives for wireless sensing element networks. The adoption and utilisation of sensing element networks for many applications depend on security, hence we have developed an extensive threat analysis of wireless sensing element networks. In general, we prefer to also provide some defences against these dangers for the Wireless Sensing Element Network.*

**Keywords:** Wireless Sensor Network (WSN), Security.

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