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## **How Internet of Things Can Enhance the Performance of Food Supply Chain Networks: An Analysis**

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### **Abstract**

The paper gives an overview of how Internet of Things (IoT) is important at various levels in the Food Supply Chain Networks (FSCN). Important technological benefits of IoT in enhancing the performance of supply chain networks are covered. Various benefits of IoT in the context of changing supply chain scenarios and various cases of business operations where IoT would be beneficial are considered. Benefits of IoT in the supply chain network operations related to food supplies and various supply chain processes are compared with other information technologies. As technology evolves and matures, it becomes imperative to be integrated into ongoing operations of FSCN, thereby offering the prospects of enhancing its efficiency. Most of the conventional supply chain operational processes are getting enabled technologically, leading to increased content of information through supply chain, thereby making supply chain enriched with information. The benefits are found to be more useful in managing the logistics of Food Supply Chain (FSC). The paper observes that it is possible to conceptualize and design how IoT can be represented as a structured framework which can be integrated into the FSCN to enhance the performance of services

### **Keywords:**

Innovations; Internet of Things; Agriculture; Statistical methods; Food; Networks; Logistics; Sensors; Supply chains

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