

**SiC-Chain: A simple, secure IoT System Architecture for small
scale Cold Chain Applications**

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By

DIVYA JAMES

(Reg. No. 18PHEOP003)

Supervisor

Dr. TKS. LAKSHMI PRIYA

Professor

Department of Printing Technology

School of Engineering

Avinashilingam Institute for Home Science and Higher Education

for Women, Coimbatore

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80_Recommendation

SiC-Chain architecture can be included with a greater number of IoT devices linked to the SiC-Chain application. A mobile notification feature can be implemented to alert the SCM entities when the sensor value overshoots or undershoots the threshold values. This user-friendly single click SiC-Chain architecture can be implemented in a real time cold chain environment there by making it beneficial for small scale cold chain industries. Key partners can be extended to distributors, retailers and consumers. The activities of SiC-Chain architecture help to monitor the commodity using smart phones, direct supply to distributors, retailers, and consumers, secure data transactions and large data handling. Thus the aim of the SiC-Chain architecture must be to provide SCM entities with an automated web-based monitoring system for small scale cold chain applications.