Abstract

Wireless Sensor Networks (WSN) and cloud computing are the present day technologies which enable novel and attractive solutions for information gathering and accessing it across the globe. There is a meticulous research going on in the labs and universities on these areas. However there are obstacles that must be overcome before the full potential of this can be realized. One such obstacle is the sensor data cannot be accessed globally. The insight of this paper is to elaborate and analyze the critical issues in WSN and which can be solved by integrating it with the cloud. The main objective of this paper is to make sensor data available across the globe and reduce the maintenance costs.

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**Index Terms**

Computer Science  
Distributed Systems

**Keywords**

Cloud computing  
Wireless Sensor Networks  
Information management using cloud Sensor management
Software as a Service (SaaS)

Platform as a Service (PaaS)

Infrastructure as a Service (IaaS).