Abstract

Recently, there has been much focus on localization of mobile node using wireless local area network. Location information of a mobile node is used to provide different location based services to the user. Intruder identification and possible threat can be detected early if the physical location of the node is known beforehand. There are number of localization techniques to determine the location of a mobile node in indoor and outdoor environments. In this paper,
we provide an overview of typical location estimation schemes of tri-angulation, scene analysis, and proximity particularly for localization of mobile node in indoor environments by using wireless local area networks.

References


Fernain Izquierdo, Marc Ciurana, Francisco Barcelo, Josep Paradells and Enrica Zola, "Performance evaluation of a TOA-based trilateration method to locate terminals in
A Review of Location Detection Techniques in Wi-Fi


A Review of Location Detection Techniques in Wi-Fi

Index Terms

Computer Science

Wireless Communications

Keywords

Global Positioning System  Wlan  Location Finger Printing  Rtt  Localization