Abstract

In a context of the evolution of localization based on the technological progress and the implementation of GNSS such as GPS or the European Galileo project to used in outdoor environment allowing accuracy of a few meters, but for an indoor environment, the signal is deteriorated due to the obstacles, so other techniques are used. This paper provides an overview of the indoor localization techniques. After presenting all the existing location technologies, I am going to introduce a new design based on the fusion of data from different
sources.

References

- Lionel M. NI, Yunhao Liu, Iu Cho Lau, Abh?shek P. Patil, "LANDMARC: Indoor Location Sensing Using Active RFID".
Index Terms

Computer Science  Sensor Networks

Keywords

Indoor Localization  Fusion Data  Optimization Algorithm  Gnss  Rf Localization