ABSTRACT

Today the role of the Sri Lanka Army has changed from war to peace and mostly engaged in peacetime administration and nation buildings. In this context, the government has to focus more on the economic development of the country by reducing defence expenditures etc. Hence, it is required to manage the military expenditures in an efficient manner. Increasing of transportation cost is one of the major problems in the present context of the Sri Lanka Army. Therefore, development of an efficient transport system in the Sri Lanka Army is highly essential where the cost reduction is concerned since Sri Lanka Army controlled Approximately over 3000 light vehicles at present. Amidst well-controlled rules and regulations as a large organization, the Army also experiences malpractices, misuses, other irregularities and road traffic violations, which need to be prevented. In this juncture incorporation of GPS, tracking solution can address certain current issues and rectify them easily.

Thus, Researcher conduct market survey and pilot project to identified the most suitable automotive application available for control the transportation needs. Prior to that researcher precisely conducted interviews with few intellectual personalities who are directly engaged with the transportation, logistic management and the research and experiments on the subject field. Subsequently it was collected views and thoughts of the drivers and the MT Staff on this regard as well. In accordance with the collected views and the thoughts, it was conducted the pilot project using 7 GPS tracking devices which were fixed to 7 light vehicles in the selected battalions. Consequently it was proven that considerable financial benefits can be achieved after installing the GPS tracking devices to the existing light vehicle fleet in the SLA

Key words

Fleet management, fuel cost, cost reduction, GPS, Tracking devices, satellite.