

A Proposed Logistics Information System for Implementing an Integrated Products Tracking System

¹M. W. Youssef, ²A. Asfour

¹ Previous Head of The Information Centre of the Shoura Assembly (Egyptian Parliament) –
First Deputy Minister Cairo, Egypt

² Assistant dean of The College of International Transport and Logistics (CITL) Arab Academy for
Science, Technology and Maritime Transport Port Said, Egypt

Abstract:

Supplier relationship management and customer relationship management are two of the most important issues for every company. Between the two, lays a sequence of activities including distribution, manufacturing, warehousing, inventory and retail. Between this chain of activities, products might get delayed, misplaced or even lost. This paper presents a suggested logistics information system that is capable of tracking products where ever they are, GIS concepts and delay forecasting model have been integrated in the system. This will offer both companies and supply chain vision and control over the flow of products from supplier to consumer.

Keywords: Logistics, Elements of Supply Chain, Supply Chain Management, Information Systems, Logistics Information Systems, Computer databases and Database design.