ABSTRACT

Recently, with the rapid growth of Internet, it promotes the popularity of electronic commerce. In such a way, enterprises not only manage effectively the chain of suppliers and buyers, but also have a new channel with consumers. Speed becomes a key factor that effects the existence and competitiveness of enterprises. With the prosperity of logistics and home delivery, consumers are harder to request the speed of transit. How to deliver the shipment to recipients speedily and safely is an important issue so far. However, traffic is a serious problem even if the government has begun to set up the intelligent transportation system progressively. For transportation, they always focus on designing shorter routes for delivery, shortening the distance among destinations, and reducing the cost. They never consider the traffic's and vehicle conditions, the driving of courier, and the security of packages during transmission. The above factors will affect consumers whether they can rely on electronic commerce. For this reason, in this thesis, RFID and XML are combined to establish a platform with security for commercial vehicle operation systems. It provides all the members of the supplied chain with a secure and efficient logistics information, and diversify the services of commercial vehicle operation systems.

Keywords: CVO; XKMS; Web Services


