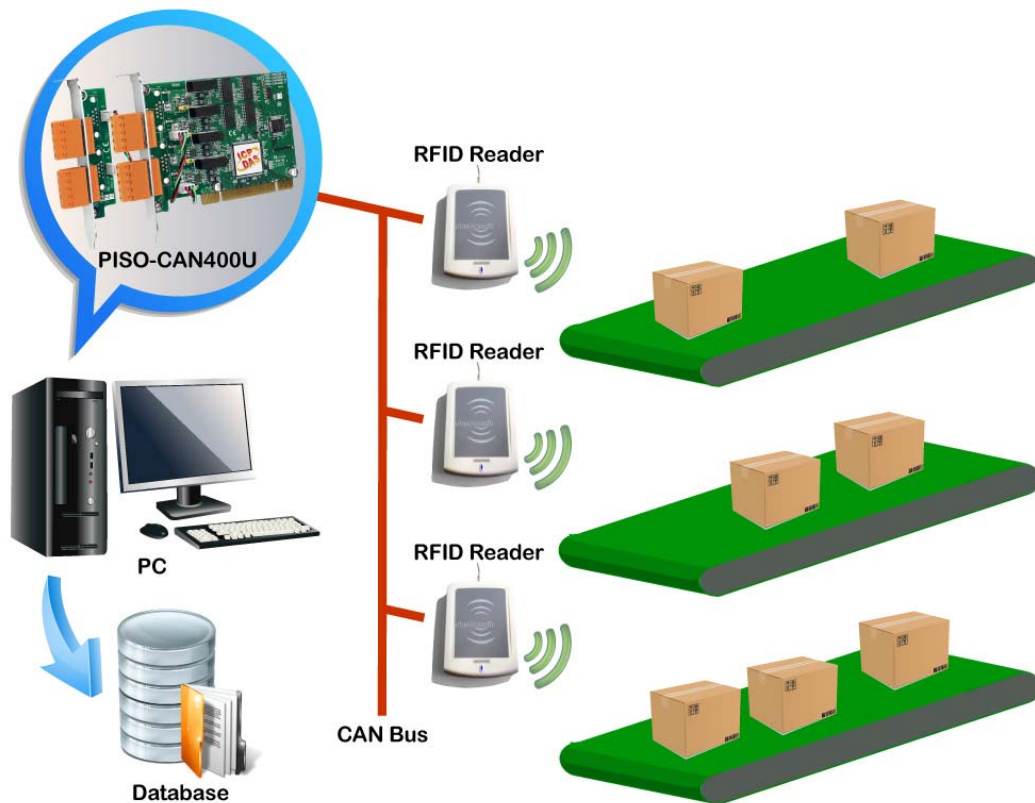


Logistics management system

In early logistics management system, it always used RS-232 or RS-485 to connect with RFID reader in order to collect items information on the conveyor belt and integrate these information to the database for keeping. The drawback of using RS-232 or RS-485 is slower data exchange speed, shorter transmission distance, and incorrect data if the great amount data are exchanged. Using CAN Bus in logistics management system can usefully improve data exchange speed as result of the characteristics of CAN Bus, including higher transmitting speed, longer transmitting distances and supporting actively response to control center. And it also can reduce the system cost by using one CAN device to collect all information of items from the different conveyor belt. The CAN Bus has error detecting mechanism to prevent external jamming to improve data accuracy.



The customer uses multi-port CAN Bus board(PISO-CAN400U) in order to connect different plant. Each CAN port on this CAN Bus board connects five RFID readers which are with CAN interface and collect items information on the conveyor belt for saving data into database.