

COLD CHAIN LOGISTICS EQUIPMENT MANAGEMENT BASED ON INTERNET OF THINGS

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Abstract

The status and supporting policies of cold chain logistics equipment management in China were described. The connotation of Internet of Things and its impact on cold chain logistics equipment management were analyzed from external form to internal nature. Through introducing the value chain and relevant equipments of cold chain logistics, the correlation between the main technologies in Internet of Things and the common indices for cold chain logistics equipment management was analyzed in detail. The application values of Internet of Things technologies in cold chain logistics equipment management were illustrated, including the sample analysis on the application of radio-frequency identification (RFID).After the establishment of BSC performance evaluation index system of cold chain logistics equipment management, the optimization measures and suggestions on cold chain logistics equipment management under Internet of Things were put forward.

Keywords : Internet of Things, cold chain logistics, equipment management, RFID