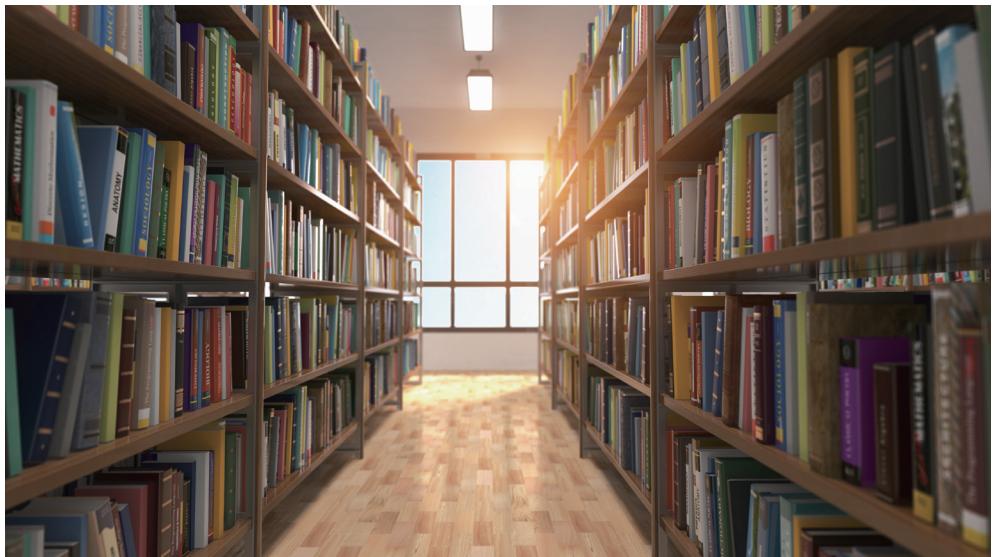# case study

Asset Management with Unitech Devices

Industry
Library

Application
Asset Management

Product
RM300&URL3000

Case Description

The traditional library system requires librarians to scan each item individually to check out the books, and patrons usually are queuing in front of the desk. With the increase in circulation growth, the overloaded personnel leads to the slow speed of customer service and sometimes miss-filling in the library system. Non-return books and theft issues happen from time to time. Radio Frequency Identification (RFID) technology can turn the library process smarter and safer, efficiently managing the available collection in the library. Free the library staff to provide more direct service to your users.

The reason to choose RM300&URL3000

The complete and successful implementation of the RFID solution includes the Reader Module and Tag/Labels. RM300 supports a maximum read rate of 900 tags per second, enabling patrons to check all books out in a single scan. URL3000 has glue on two sides, and it allows librarians to paste the UHF label on any book edge. When the embedded module reads the label on the Kiosk machine, the self-service of check-in/out lessens the time of book circulation, and data is immediately documented into the library's computer system.

Challenge & Solutions

The development of an RFID system in the library will significantly increase the data integration in real-time. It shortens the time between book return and checking out, and staff can identify locations of the shelf when reading multiple labels on the module, fastening the whole book circulation. The implementation of RFID labels not only solves the cumbersome routine work of staff but also minimizes the possibility of books being stolen.

Benefit

- Cost-effective price in a competitive market
- Smooth self-return and check-in multiple books timely
- Improved book circulation rates of library
- Invinsible labels avoiding books from being stolen

RM300 UHF RFID Reader Module

unitech
because we care