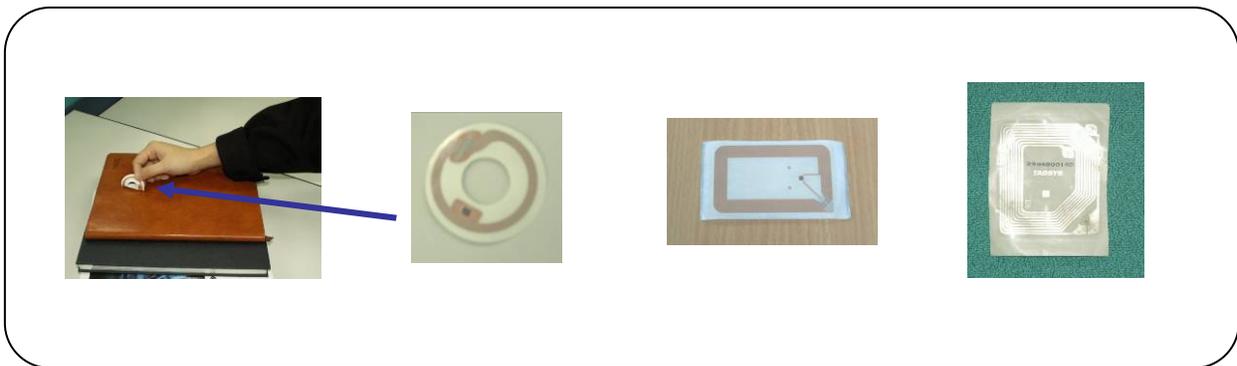


NEC Self-Services RFID Library Solution

Different tags for different objects

RFID (Radio Frequency Identification) is a tiny electro-magnetic tag attached library materials including books, video tapes, audio tapes, VCD and DVD. Unlike barcode which requires librarian holding a bar code reader to scan the item one at a time, RFID tagged library materials in all shapes and size, in stack or in batches can be automatically scanned without the necessity of the line of sight, but in a defined distance.



Multi-functions of web-based modules

NEC Self-Services RFID Library Solution provides different types of reader, flat-bed reader, RFID gate scanner and hand held reader. The library management software is web-based with integrated modules such as user authentication by different patrons or departments, fine set up and late return penalty. It can be linked up to backend server such as Lotus Notes then a reminder e-mail of availability of reserved books, notice of items borrowed / returned can be sent to patron.



Easy to manage

Patron simply goes to the self-services kiosk with their library smart card, then return, borrow or renew library materials under the easy to use on-screen instruction. Repetitive and time-consuming task of using bar code reader to scan item one by one is eliminated so that the librarian can have more time to offer better customer services such as answering borrower's enquiry, helping user to locate particular library material on the shelves.



Labour cost efficiency

A portable hand held reader enables librarian on the spot inventory checking and easily to identify misplaced items. PDA equipped with RFID scanner can scan up to 10 items within seconds on the shelves. No need to remove them then place them back to the shelves after stocking taking as in the case of inefficient bar code method.

Inter-link with exiting system

CCTV can be linked up with the RFID gate at the exit. Material not properly checked out by RFID reader will give out audio alarm signal when suspects try to leave the library exit. CCTV video record will also help to identify the person in doubt.

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