

ELiMS[®]

Electronic Library Management System

project profile

www.rflibrary.com

Customer : SIA Technical Library
Business : Provide reference services for SIA staff
Challenge : To automate the process and reduce the number of operating staff in the library
Solution : Electronic Library Management System (ELiMS[®])

ST LogiTrack Pte Ltd was awarded a contract to design, supply, and install an Electronic Library Management System (ELiMS[®]) for the Singapore Airline (SIA) Technical Library.

SIA is one of the world's best airline, and part of their success is due to their effort in training and educating their staff. To promote a learning environment, SIA Technical library was set up to provide staff with the necessary technical information and knowledge.

At SIA Technical library, ELiMS[®] Multi Purpose Station (MPS) was deployed to provide self-borrowing, self-returning and sorting services. Staff borrow or return materials by placing the materials on the MPS. Sorting is a breeze for library staff with the new system. The shelf number of the item will be displayed once the item is placed on the reading pad. The ELiMS[®] EAS Gantry makes sure all items in the library are not being brought out without proper authorization. Taking a step further, the Gantry captures the ID number of the item being taken out without authorization, for accountability purposes.

With the whole process fully automated, this technical library can now be operated with a single library staff who focuses on providing value-added services such as membership registration, answer enquiries and helping staff find their way to the library materials of their choice. At the same time, patrons can now access a whole array of books, journals, magazines and training packages without having to bother the staff at any time of the day.



Staff borrows or returns items without having to bother the librarian.



The EAS Gantry prevents unauthorized items from being taken out of the library.



ELiMS[®] RFID Tags can be used for all library items. even files and CDs.



Tagging can be done at a corner without disturbing the normal operations.



The ELiMS[®] **Multi-purpose Station** is a self service station that can perform borrowing, sorting and even returning within the same station. It is ideal for small private libraries with low patronage and small collections of library materials.

The ELiMS[®] **EAS Gantry** is the anti-theft part of the integrated library management solution using the same RFID tags embedded in the library item. This particular EAS Gantry comprises of ID detection which captures the ID of the item the moment somebody tries to bring out an unauthorized item.

The ELiMS[®] **Administration and Counter Station** monitors the status of ELiMS[®] components such as borrowing station and book drop, and at the same time serve as a backup station that performs borrowing, returning and disarming functions.

The ELiMS[®] **Library Management System** catalogued and manages all the library materials interfacing with the ELiMS[®] front end components.



ST LogiTrack
Creative RFID Solutions

Patented (No: 74434) ELiMS[®] is a registered mark of ST LogiTrack Pte Ltd

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