

# ELiMS®

Electronic Library Management System

## project profile

- Customer** : National Library Board of Singapore
- Business** : Providing Library Services
- Challenge** : Managing wide range of items using single technology
- 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 region's first performing arts library, library@esplanade.

Situated at The Esplanade, Theatres on the Bay, library@esplanade is the second specialised public library - after library@orchard, under National Library Board (NLB) of Singapore. The layout of the library is such that there are four clusters or "villages" of Music, Dance, Theatre and Film, creating an environment that supports creativity, learning and entertainment for the layperson as well as for the professional artiste.

Blending into the artistic and creative environment, ELiMS® enables patrons with a premium membership to borrow and return any type of library items\* on their own and at their convenience.

With the whole process fully automated, librarians can now focus on providing value-added services such as membership, attending to enquiries and helping patron locate the library materials of their choice.

ELiMS® is a proven RFID-based system that has been deployed by National Library Board (NLB) of Singapore, ST College, Singapore Airline (SIA), Institute of Systems Science (ISS) and Singapore Management University (SMU) to automate and manage its libraries since 1997.

\* For a start, library@esplanade has about 50,000 volumes of performing arts materials. The collection comprises books, audio-visual items, DVD and VHS tapes of films, dance performances, opera and orchestral performances, and Broadway productions

[www.rflibrary.com](http://www.rflibrary.com)



Technology blending with arts



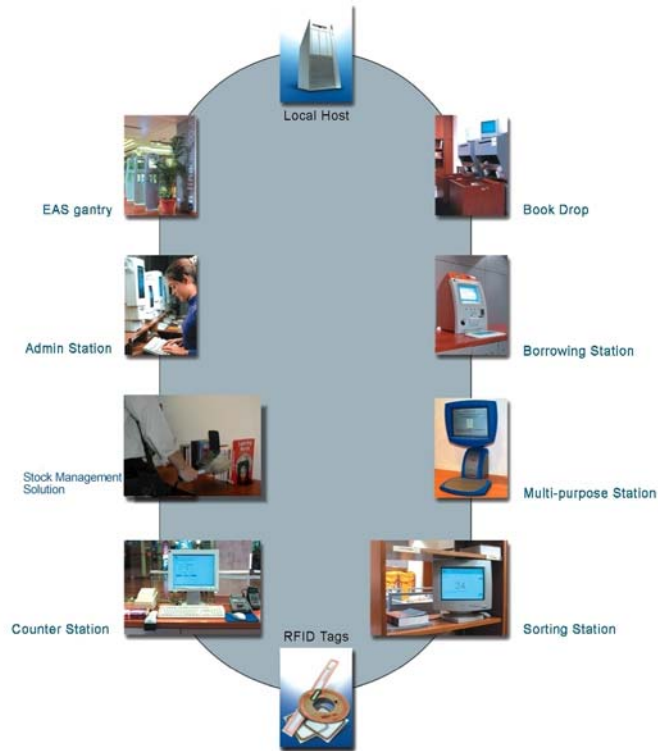
Outside library and operating 24hrs, patron may now return books after a drama



Patrons may now borrow all audio and video items without having to go to the counter



Freed from routine work, librarians may now concentrate on answering specific needs of patrons



The ELiMS® **Borrowing Station** is a self-service station. Simple instructions are presented to the patrons to enable them to checkout items at their own convenience. Instructions can be configured in different format and languages to suit specific requirements.

The ELiMS® **Book Drop** allows patrons to return their items at convenient locations and to have their loan records updated instantaneously.

The ELiMS® **Sorting Station** allows items to be sorted and returned quickly to the shelves so as to reduce turnaround time.

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.

The ELiMS® **Counter Station** is a backup station that performs the borrowing, returning and disarming functions. The librarian can use the system in the event when any of the stations (i.e. borrowing, returning, etc.) malfunction, or when other activities such as payment of fines for late return of items, are necessary.

The ELiMS® **Administration Station** monitors the status of ELiMS® components such as borrowing station, sorting station, etc. This station has features such as remote reset, transaction logging, status update, etc.

The ELiMS® **Stock Management Solution** makes locating and identifying items on the shelves an easy task for librarians. It comprises basically a portable scanner and a base station. (presently on trail)

