

# ELiMS<sup>®</sup>

Electronic Library Management System

## project profile

**Customer** : Singapore Management University (SMU)  
**Business** : University Education  
**Challenge** : To manage its library resources effectively and efficiently  
**Solution** : Electronic Library Management System

Under the recommendation from National Library Board of Singapore (NLB), ST LogiTrack Pte Ltd was contracted to design, supply and install an Electronics Library Management System (ELiMS<sup>®</sup>) for Singapore Management University (SMU).

Established in January 2000 as Singapore's third and newest university, SMU offers full-time Bachelor courses to both local and oversea students with the objectives to in develop well-rounded students with the ability to focus on specialised careers.

ELiMS<sup>®</sup> is now being deployed in their interim campus at Evans road and will move to Bukit Timah campus by August 2001. The university is expecting its 7.76ha City Campus to be ready in 2005, where a much bigger library will be build for its students. They predicted that by then, the collections and the library material transaction volume would increase by many folds.

With the automating of the library operations with ELiMS<sup>®</sup>, SMU finds that the flow of library materials is managed more effectively. At the same time, some library staff can be freed to provide value-added services such as membership registration, answer queries and helping students find the library materials of their choice.

ELiMS<sup>®</sup> is a proven RFID-based system that has been deployed by NLB to automate and manage its libraries since 1997.

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



One staff is all it needs as student practices DIY



Other than barcode membership card, ELiMS<sup>®</sup> Borrowing Station can also read smartcard



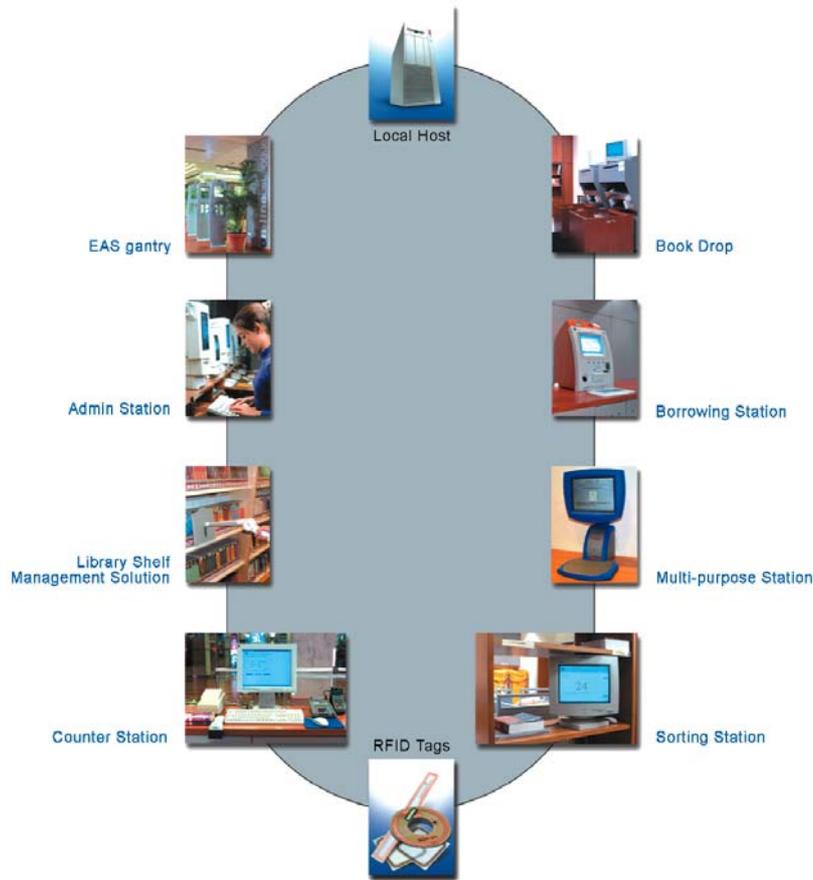
Students may now return their materials even when the library closes



Manless security – these gates prevent unauthorized materials from leaving the library



Singapore Management University



The ELiMS<sup>®</sup> **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 different languages to suit the specific requirement.

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

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

The ELiMS<sup>®</sup> **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<sup>®</sup> **Counter Station** is a backup station that performs the borrowing, returning and disarming functions. The librarian can use the system in the event some 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<sup>®</sup> **Administration Station** monitors the status of ELiMS<sup>®</sup> components such as borrowing station, sorting station, etc. This station has features such as remote reset, transaction logging, status update, etc.



Creative RFID Solutions

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