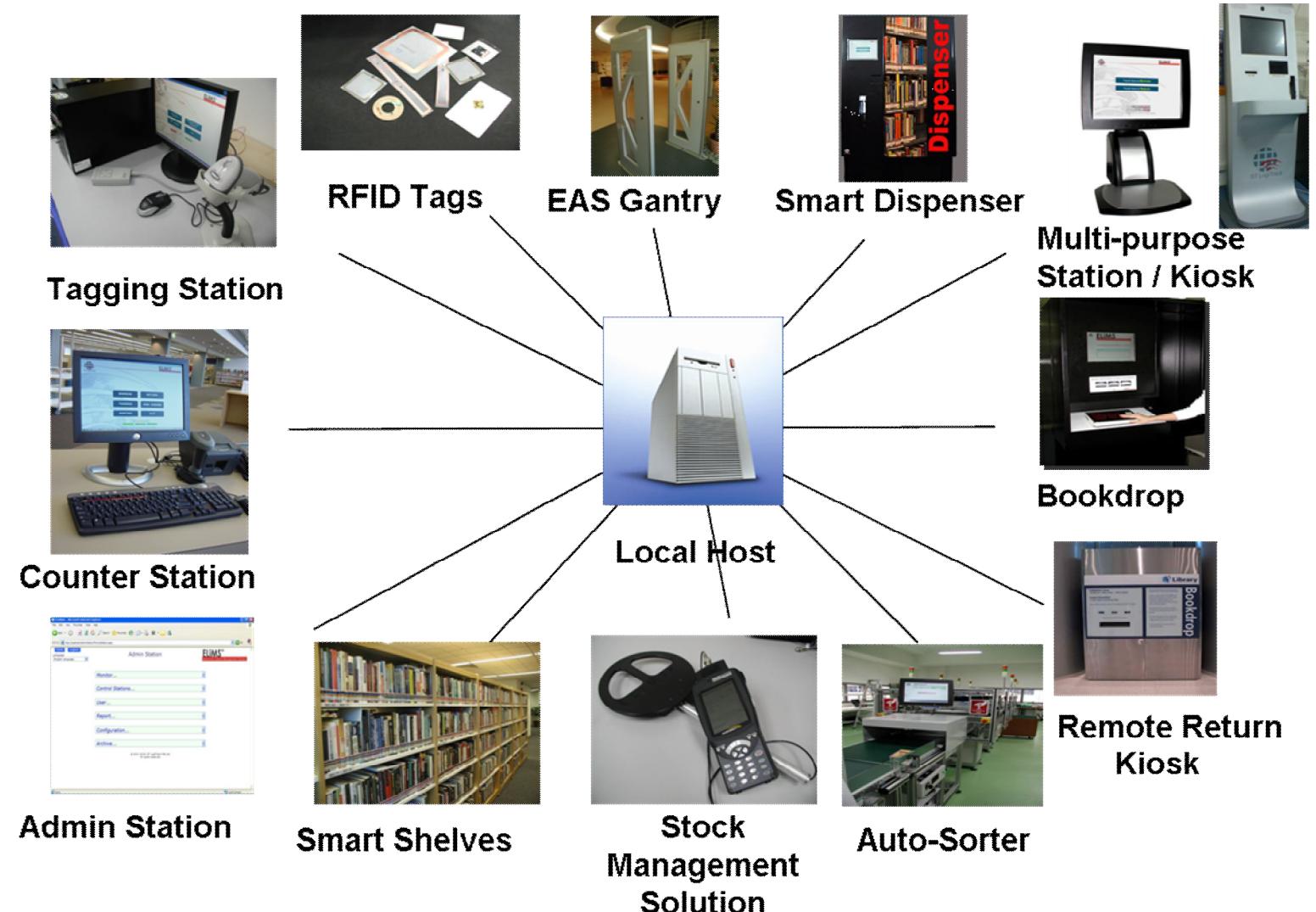


## SYSTEM OVERVIEW



ELiMS® is the RFID-based Electronic Library Management System that is designed to manage the tracking, distribution, circulation and flow of library materials. It facilitates multiple, automatic object identification, tracking, sorting as well as speedier data collection, which tremendously improves the efficiency of libraries, thereby freeing librarians to provide other value-add services, such as assisting in library material search.



# SYSTEM OVERVIEW



## ELiMS® Stock Management Solution

The ELiMS® Stock Management Solution (SMS) makes locating and identifying items on the shelves an easy task for librarians

- Facilitates inventory checking without disrupting normal library operations
- Human errors are tremendously reduced
- Misplaced items can be detected and located easily



## ELiMS® Local Host

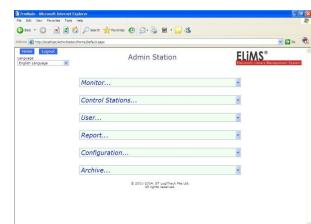
Acts as a primary domain controller, database server and backup server. The local host helps to administer the RF stations as a single group in the local network and records all the transaction history carried out in the branch.

- Enables full integration of ELiMS® components with central host
- Functions even when central host is down
- Ensures that library operations are not disrupted
- Customizable to enable integration with existing software

## ELiMS® Admin Station

ELiMS® Admin Station is configured to be web accessed to enable authorized library staff to monitor the status of every ELiMS® components such as borrowing station, sorting station, etc. This station can also perform remote reset, transaction logging, status update etc as well as generate reports.

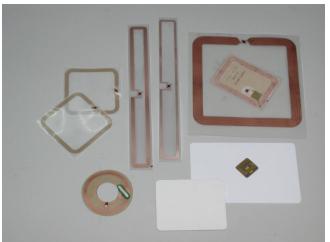
- Web based configurations
- Allows users to monitor status of all ELiMS® components instantly
- Enable users to control stations' reset/shut down
- Logging of transactions
- Able to generate status report



## ELiMS® RFID Tag

The ELiMS® RFID Tag has the ability to store information relating to the specific item to which they are attached, rewrite again without any requirement for contact or line of sight. Data within a tag may provide identification for an item, proof of ownership, original storage location, loan status and history.

- No line of sight required
- Maintenance free, suitable for any environment
- Information directly attached to product
- Functionalities of barcode, EAS label and RF-transponder in one label
- Different shapes and sizes available
- Accelerates scanning and identifying process



## ELiMS® Counter Station

An ELiMS® Counter Station is a multi-function station that is able to perform the borrowing, returning and disarming functions. It can be used as a back up when the public stations (i.e. borrowing and returning) malfunction, or when other activities such as payment of fines are necessary.

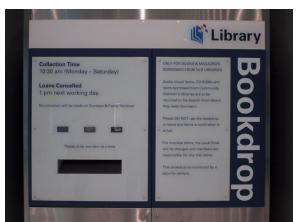
- Performs borrow, return and disarm functions
- Supports customer service
- Performs other functions like payment of fines, etc



## ELiMS® Remote Return Kiosk

The ELiMS® Remote Return Kiosk operates independently and can be located anywhere, inside the building, in public transport terminal or even along the road; much to the convenience of patrons.

- Automatically locks the chute flap once the bin is full
- Provides convenient 24/7 return access
- Information of book returned can be immediately captured once it is dropped into the bin
- Able to function independently



## ELiMS® Auto Sorter

- Items can be sorted immediately after return
- Further reduces turnover time
- Able to handle large volume of returned items
- No more jamming up of bins



## ELiMS® EAS Gate

Library theft prevention is easy to manage as it is built into the RFID technology. Achieves both inventory management and exercise security with a single technology

- Alerts staff of any unauthorized item being taken out of the library premises
- Monitors visitorship of the library using embedded counter
- Adjustable alarm volume
- Fits in any environment



## ELiMS® Tagging Station

The ELiMS® Tagging Station is a stand-alone station that will facilitate the conversion of the library into RFID. The station conveniently program information of the library materials from the database into RFID tags which will then be attached into the library item.

- Simple process, even a part-time staff can do the job
- Need not close the library during conversion
- Mobile and compact, may be placed at a corner
- Need not convert entire collection at once



# SYSTEM OVERVIEW



## ELiMS® Multi-Purpose Station / Kiosk

A multi-function station that can be used as a borrowing station, item return and/or sorting station. Available in 2 selections: Multi-Purpose Station or Multi-Purpose Kiosk depending on your needs.

- Touch screen menu selection
- One station with multiple functions and thus reduces hardware costs
- Encourages DIY and librarians may be freed to perform other value-added customer services.
- Enables optional payment modules to be incorporated\*.
- Facilitates deployment at any location in the library.
- Enables borrowing of different items (i.e. CD-ROM, video cassette tape) with a single user interface
- Allows user to choose from available multiple languages
- Reduces queue time in library
- Prints receipts as proof of loan

Provision for additional security features such as PIN or camera

\*Note: Payment modules can be incorporated in the Multi-Purpose Kiosk directly.



Station

Kiosk



## ELiMS® Book Drop

The ELiMS® Book Drop allows patrons to return their items anytime, even when the library is closed and can be placed at any convenient location.

- Enables loan record to be cancelled instantaneously so that patrons may immediately borrow again
- Ensures that items are irretrievable once deposited
- Visual and audio alerts for confirmation of item return

## ELiMS® Sorting Station

Sorting of items using the ELiMS® Sorting Station is a breeze. The librarian simply puts the item on the sorting pad and the system immediately displays on the screen, the category and compartment in which the item belongs to.

- Reduces manpower required in sorting the items
- Reduces turnaround time for item shelving
- Ease of identifying items belonging to other branches
- Ease of identifying items with special instructions, e.g. reserved items



## ELiMS® Smart Dispenser

The ELiMS® Book Dispenser allows patrons to borrow books during and even after library's opening hours with assistance from its interactive touch screen menu.

- Enables patrons to borrow after library opening hours.
- Enables picking up of reserved items from conveniently located dispensers.
- Interactive touch screen for library patrons
- Encourages readership due to its convenience
- Facilitates deployment
- Enables remote library set-up.
- Enables incorporation with the ELiMS® BookDrop to create a truly mobile library experience.



## ELiMS® Smart Shelf System

The ELiMS® Smart Shelf System is designed for implementation on existing library shelves including metallic shelves. It provides accurate shelf location information of all library items.

- Enables accurate tracking of items, tracks item up to tier level.
- Allows user to locate missing items, misplaced items.
- Allows user to do periodic scanning without physically scanning the items.
- Adds value to existing inventory systems.
- Ease of installation, without the need to change existing shelves.
- Able to generate reports for decision purposes.
- Allows information to be accessed anywhere, anytime with its web-based module.



Creative RFID Solutions

ST LogiTrack reserves the right to change or discontinue these products without notice  
Patented (No: 74434) ELiMS® is a registered mark of ST LogiTrack Pte Ltd

Blk 1003 Bukit Merah Central, #03-10, Redhill Industrial Estate, Singapore 159836

Tel: (65) 6277 2882 Fax: (65) 6277 2886

Company Registration No.: 1998-00120M

Email: [sales@stlogitrack.com](mailto:sales@stlogitrack.com), <http://www.rflibrary.com>