



## LibRAIN: Library Information Management System

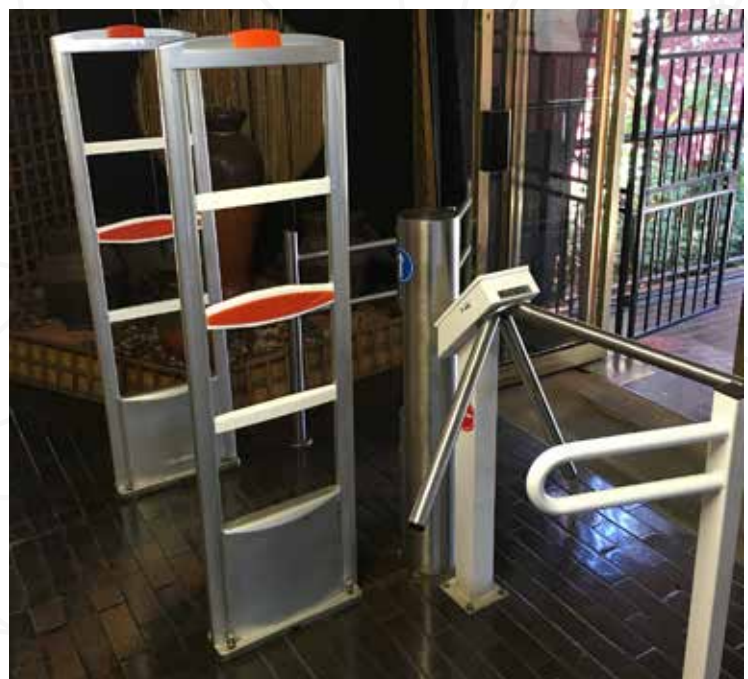
### Introduction

Take control of your Library Management with LibRAIN Library Management Software developed by Synertech. Work smarter, provide exceptional service, and maximize the usability of information services for your users with LibRAIN.

LibRAIN is a completely customizable and integrated library system available to libraries of all types and sizes today. Built from the ground-up to be entirely accessible through the web and developed in close collaboration with librarians, LibRAIN is on the cutting edge of technology in the library management services arena.

LibRAIN offer a complete end to end library management solution, it ensures a seamless, consistent and pleasant staff experience - from acquisitions and cataloguing to circulation and reporting.

LibRAIN is developed by South Africans for South Africans and is POPI compliant.



*Loss Prevention*

### Traxsense

Synertech's Traxsense software platform brings to life innovative, automated monitoring and tracking solutions by providing clients with dashboards and analytics to easily track all assets and to monitor business performance indicators. Smart sensor enabled assets are transformed into intelligent data sources. These smart assets are connected in real-time which provides organisations with controlled and auditable IOT information. Traxsense not only provides for immediate management decisions, it also harnesses the power of data analytics for business optimisation.



*Library Information Management*

## Background

LibRain was developed to provision for the unique library media management requirements of South Africa, yet being internationally competitive. LibRain is intended for use by patrons, students, librarian and governance staff.

Manual library management transactions have limitations:

- Records management is tedious
- Issuing and receiving of library media is time consuming
- Penalty management is complex
- Asset governance is managed separately
- Maintaining register is complex
- Searching is a challenging task
- In general the need for service improvement is obvious

## LibRAIN Key Features

- A full featured modern web based integrated library software (ILS)
- Full MARC21 support for professional cataloguing
- Full catalogue, circulation, acquisitions, and library stock management
- Web based solution that is fully Online Public Access Catalogue (OPAC) compliant
- Supports both barcoding and Radio Frequency Identification-RFID (UHF)



## Benefits of LibRain

- Enhanced customer experience
- Increased security that minimises loss of library media
- Increased library productivity
  - Automation technology assist libraries to do faster issue and receiving
  - Automation technology improves cycle counting of library media

- Enhanced governance compliance and reporting
  - Improved procurement, cataloguing and archiving traceability
  - Links to asset master register
- High level of customisation and adaption to customer needs

## Components

The following hardware items compliment LibRAIN Solution:

- **ManTag** - A credit card type RFID enabled tag for the management of personnel and patrons. Details such as photos, text and barcodes can be printed on the cards in black and white or colour
- **LibTag** - A RFID tag for the tracking and management of books
- **SmartActivator** - A desktop device used for the circulation process of RFID enabled library books
- **SmartKiosk** - A self-contained work station set up to enable the conversion of normally barcoded library books to RFID so that they will operate successfully within the overall RFID solution. In this configuration the unit has the ability to be wheeled to wherever it is needed within a library
- **SmartInterrogator** - A hand-held reader that collects data programmed into the RFID tag and 2D barcodes, the information can then be passed on to the main management system for reporting
- **SmartPortal** - A purpose-built portal for deploying at library exits. It is fully RFID-enabled and integrated with LibRAIN, used to collect and monitor data from tags passing through the exit point. The portal is equipped with an optional exit gate

## After-Sales Service

- **Warranty** – All systems are backed by a 12-month warranty on materials and workmanship commencing from date of delivery
- **Maintenance and support** - A range of technical support and maintenance options are available based on formal service level agreements
- **Training** - Various training options are available ranging from comprehensive classroom training to on-the job training. All systems are provided with training documentation

## Summary

Designed, developed and implemented by Synertech, a proudly South African company with nearly two decades of success at the forefront of supplying innovative RFID technological solutions to clients across a broad range of industry sectors.

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