

## Library Automation and Security

The use of RFID in Library is the latest technology application in the 21<sup>st</sup> century that promises to increase efficiency, productivity and enhance user satisfaction in library management. Smarttech provides an automated system for the facilitation of circulation, anything from a collection of books, CD's, magazines and other reading materials, whether it's a large or a small collection.

Manual processes in a library is cumbersome with so many tasks which normally should be simplified are carried out repeatedly. Barcodes and security strips which are widely used are fraught with a lot of challenges, they are slow to read and subject to incidences of theft by default. All these are addressed now by the use of RFID.

With the introduction of RFID into Library management, the usual library processes can now be carried out more quickly:

- ✚ Quick check-in/check-out of items for convenience of members.
- ✚ Quick and correct shelving of items.
- ✚ Quick inventory check.

With automation, clients have an easier access and use of the facilities provided by the library. Furthermore, it is better controlled with a lot of misuse put in check for a greater library experience. All materials are securely tagged with RFID which ensures security for the materials available for borrowing and also provides avenue for monitoring. With the tagging of items in the library it adds the dual benefit of barcodes and Electronic Article Surveillance (EAS).

