

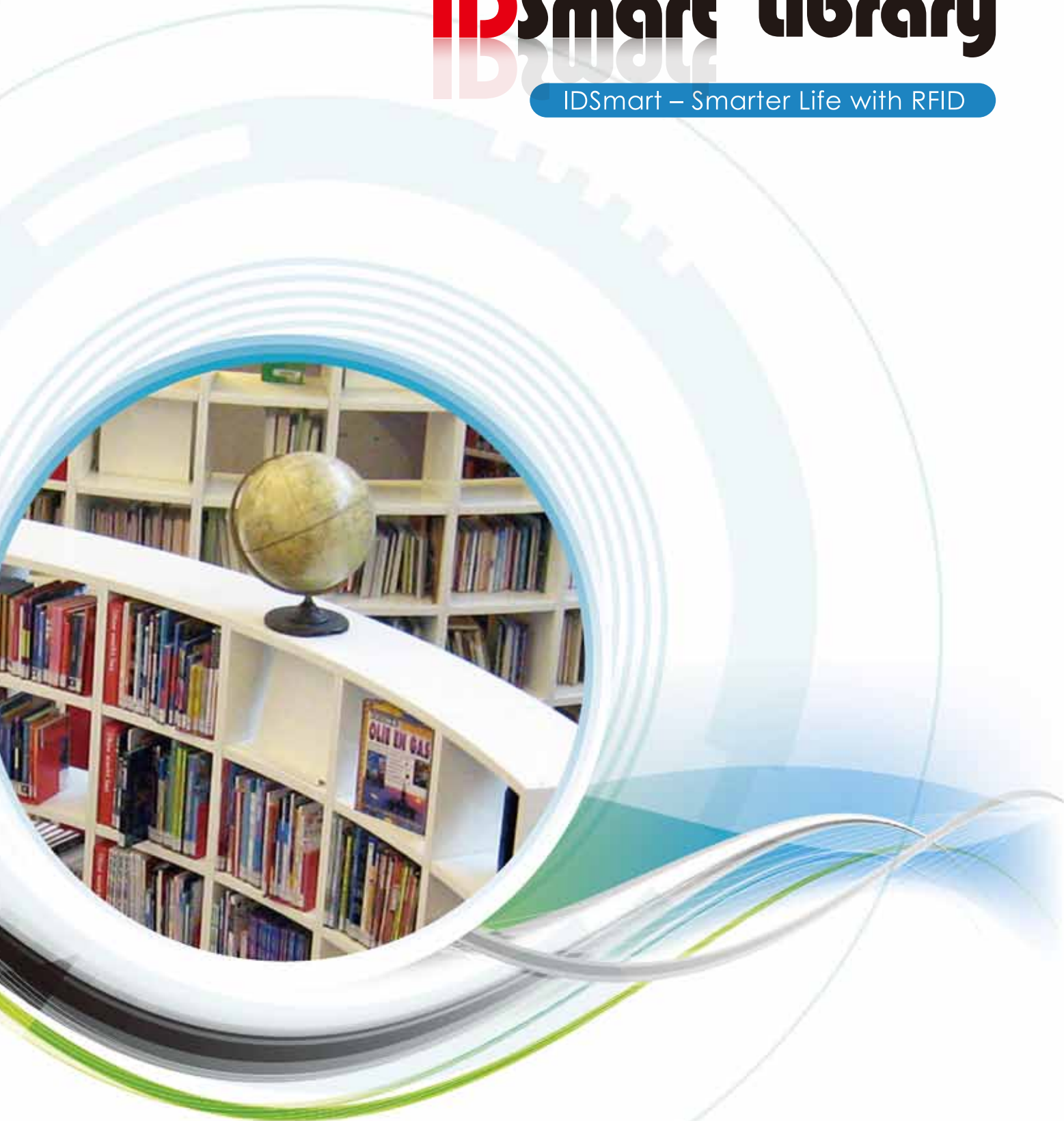


MITAC INFORMATION TECHNOLOGY CORP.

RFID Intelligent Library
Management Solutions

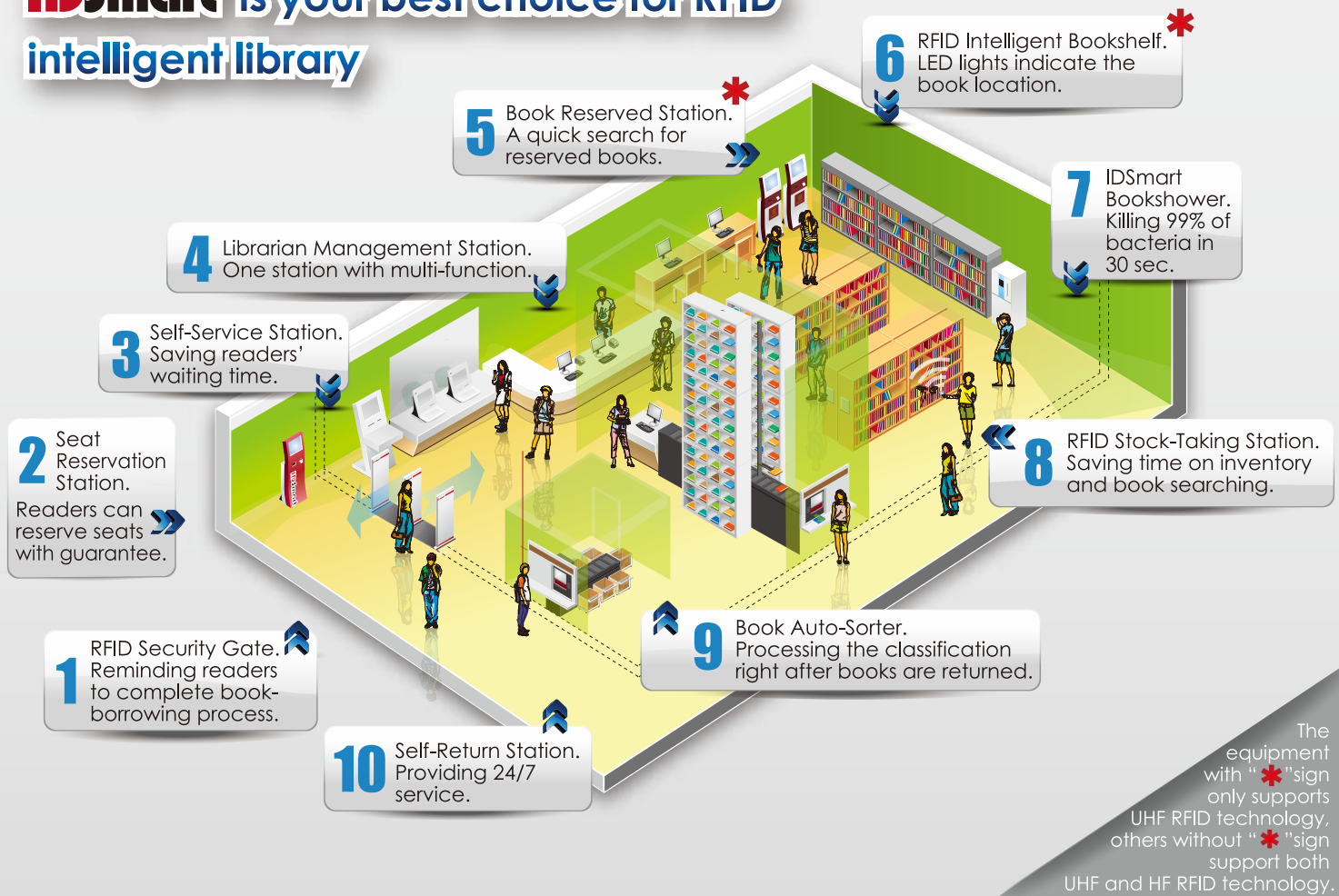
IDSmart™ library

IDSmart – Smarter Life with RFID



IDSmart™ is your best choice for RFID

intelligent library



1.

RFID Security Gate

- ▶ Remind readers of completing the borrowing process via warning signal.
- ▶ Choose the proper configuration (single, dual or triple gates) in accordance with the library space.
- ▶ Capable of detecting multiple RFID tags from any angle within 85~100cm.
- ▶ Automatically count passage frequencies.



2.

Seat Reservation Station

- ▶ Seat Reservation Station can manage seats and equipment effectively to avoid the waste of resources.
- ▶ The real-time borrowing status can be viewed and sorted by floor, date, time period, and function.
- ▶ It provides reports for usage rate, reservation status and the ranking of different time periods.



3.

Self-Service Station

- ▶ There are 2 types of self-service station, which are standing and countertop ones. You can choose the one fitting to your library design.
- ▶ Capable of reading multiple books over 20cm height.
- ▶ Automatically disable the security code and able to pass the security gate after the borrowing process completes.



4.

Librarian Management Station

- ▶ The Librarian Management Station assists the staffs to proceed borrow and return processes for the readers. It also has the capabilities to switch or write the data into tags, and then check, enable, disable the security code as well as books classification functions. It reaches the goal of all-in-one demands.
- ▶ Capable of reading multiple books and integrating with legacy systems via NSIP, SIP, SIP2 to provide associate information.
- ▶ Three options (barcode, key-in or RFID) to verify the library cards of readers.
- ▶ Provide query function for system execution records and operation reports for analysis and tracking.



5.



Book Reserved Station

- ▶ Book Reserved Station can help readers to look for reserved books quickly.
- ▶ It provides quick query function and readers can reserve the books they are interested in.
- ▶ This product only supports UHF RFID and needs to work with RFID Intelligent Bookshelf.



6.



RFID Intelligent Bookshelf

- ▶ By swiping reader cards or entering reader numbers on Book Reserved Station, readers can find their reserved books quickly and easily according to the turned-on LED lights on the RFID Intelligent Bookshelf.
- ▶ This product only supports UHF RFID and needs to work with Book Reserved Station.



7.

IDSmart Bookshower

- ▶ IDSmart Bookshower can disinfect and remove dust from book cover to inside pages effectively for a better reading environment.



8.

RFID Stock-Taking Station

- ▶ With RFID technology, the patron could save the time and labor cost for books inventory.
- ▶ The librarians can do stock-taking operations by themselves and directly upload or download the data to the server and integrate with the library automation system.
- ▶ Accurately read the RFID tags data regardless of book size, thickness and shape.



9.

Book Auto-Sorter

- ▶ The backend sorting volume can be customized in accordance with the library space and expanded easily for future need.
- ▶ With quiet motor and explicit conveyer system, the Book Auto-Sorter works accurately, instantly and quietly.
- ▶ The sorter conveyer equips with transparent protective shield and emergency button to enhance operation safety.



10.

Self-Return Station

- ▶ The Self-Return Station provides 24/7 service to allow readers returning books and updating their reading records anytime.
- ▶ Integrate with Auto-Sorter by customization to enhance librarian efficiency in dealing with returned books.

RFID Tag

- ▶ HF RFID tag: complying with the international standard ISO15693, the RFID tags could be read and written repeatedly.
- ▶ UHF RFID tag: complying with the international standard ISO18000-6C and EPC C1G2.
- ▶ UHF RFID Book tag could be adhered to the pages well because of the rectangular shape and double-sided glue with release paper.
- ▶ Benefits of RFID tags :
 - (1) Tag contents can be read and written repeatedly.
 - (2) Tags can be read in any angles.
 - (3) Books identification and secure control management functions.



	RFID Intelligent Library	Traditional Library
Borrow	Readers save 7.5 seconds to borrow a book with RFID.	Readers need 17.9 seconds to borrow a book with barcode.
Return	Readers don't need to wait .	Readers need to wait 30 minutes for returning books.
Array Stock	Read tags for preliminary sorting and get the shelf/section number on the screen immediately .	Manual sorting and recording the shelf/section number.
Stock-Taking	Capable of stock-taking 150,000 books within 8 hours .	Stock-taking 150,000 books for 2 months.
Security Gate	Zero extra expense while it's part of RFID.	Need to spend extra expenses on barcode.
Workstation Management	Monitor every station and deal with failure equipment in time .	Not solve equipment failure problems until the issue is reported.



» IDSmart Library provides self-service environment and the librarian can reserve more time to offer more services. With RFID technology and library automation system, it can help to design suitable solutions for your library and offer better service efficiency!

Successful Cases

Taiwan



Japan



China



Southeast Asia



Head Office