RFID-solution

for libraries

RST INVENT

RFID in library

The use of RFID systems to automate the work of libraries is actively developing throughout the world and can effectively provide support for all the processes of its work:

- to control the process of book circulation inside the library building
- quickly find the right copy
- using special self-service stations
- providing protection against unauthorized removal of books

Use of technology

Mobile RFID reader

Performs the functions of inventory and book search

Library card

Electronic identifier

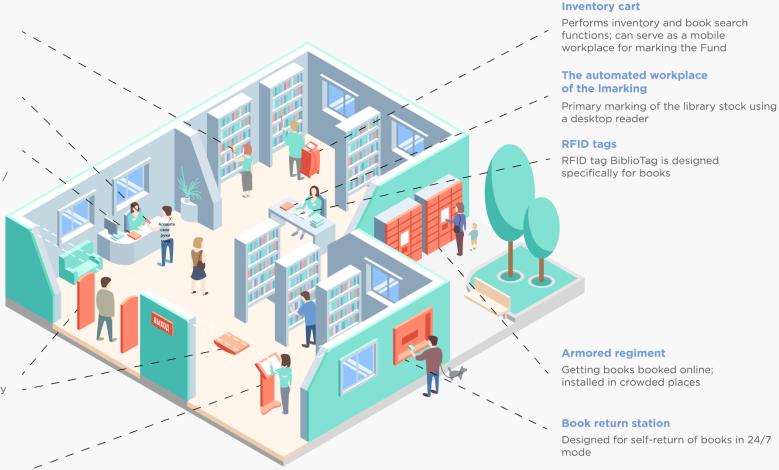**The automated workplace of the librarian**

Designed for group reception / issuance of books using a desktop reader

Portal RFID reader / Ceiling RFID reader

Anti-theft control of the library Fund

Self-service station

Designed for self-receipt and return of books by readers

Inventory cart

Performs inventory and book search functions; can serve as a mobile workplace for marking the Fund

The automated workplace of the lmarking

Primary marking of the library stock using a desktop reader

RFID tags

RFID tag BiblioTag is designed specifically for books

Armored regiment

Getting books booked online; installed in crowded places

Book return station

Designed for self-return of books in 24/7 mode

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Library Fund Marking

The BiblioTag Duo RFID tag is designed for marking archival documents and books of various thicknesses.

When marking library collections and archives, the label is used as the ID of publications and a means of protection against unauthorized removal outside the territory.

RFID tags are registered through the cover (no need to open the book and look for the tag).

BiblioTag Duo has a unique modification for rare editions of BiblioTag Duo SE, which when peeling does not damage the book or document.

Reader Identification

To speed up the process of identifying library readers, plastic cards with an integrated RFID tag (RFID reader ticket) are manufactured.

- Full color image printing possible
- Reusable

RFID equipment

Bookos Slim Reader

The third generation Bookos desktop RFID reader with a case thickness of only 14 mm.
The reader can register up to 20 books at a time.

In addition to the basic ability to connect to a personal computer, Bookos Slim easily integrates with a small netbook, compatible with Android tablets and smartphones.

Bookos Slim RFID reader can be used as a mobile RFID complex.

RFID equipment

Self service station

The self-service station is designed for self-registration by the reader of publications taken in an open fund on their own library card and returning them to the library.

- Checking the form status

- Information on debts and terms of return of books listed by the reader

- Thanks to the use of the station, the time that library staff spend on routine operations is reduced, queues are reduced and the quality of library services is improved.

RFID equipment

A portal RFID reader controls passages up to 3 meters wide.

A ceiling-mounted RFID reader is mounted above the passage area at an altitude of 2.5-3.5 meters. When using additional antenna units, it controls the passage of any width.

- Check the label for a takeaway permit

- Work offline when power off

- Register library cards and keep records of library visitors

RFID equipment

Mobile RFID reader is designed for:

- Quick inventory

- Search and selection of books on the list (without removing the book from the shelf)

- Search for misplaced books

- Controlled intros in open access funds

The inventory cart performs all the functions of a mobile RFID reader, and can also serve as a mobile workplace for a librarian.

- Works directly with ALIS (Automated Library Information System)

- It can be used for both targeted and high-speed continuous inventory

Benefits of using RFID

The implementation of RFID systems in libraries allows you to:

Reduce the influence of the human factor on operation with funds and the elimination of the possibility of erroneous identification

Ensure the safety of the book fund from theft and damage

Reduce inventory time

Make the process of moving books inside the fund and beyond as transparent as possible

Increase the speed of serving visitiors to libraries both by increasing the speed of library staff

Quickly arrange exhibits in accordance with the requirements of libraries

RST INVENT®

Company introduction

RST-Invent – is a Russian RFID-tags and equipment vendor, RFID-system and software developer.

Work experience since 2005

Own RFID-tags and equipment facilities in the Leningrad region

**Geographic reach:
RF, USA, Asia, Europe**

A full cycle of competencies in RFID: from the development of the element base to the implementation and maintenance of ready-made solutions

"RST-Invent" company - is part of the Group of "Systematic"

GCS

Contact information

Saint-Petersburg
Nepokorennikh pr., 49,
office 701

+7 (812) 318-17-17

Moscow
str. Nametkina, 10A,
building. 1, office 112

+7 (495) 640-78-48

✉ **info@rst-invent.ru**

🌐 **www.rst-invent.ru**