

**“A day in the life of a Muckleneuk branch Librarian”**  
**RFID SELF-SERVICE MACHINE**

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# **WELCOME TO THE 21<sup>ST</sup> CENTURY RFID SELF –SERVICE MACHINE**

## **WHAT IS RFID?**

RFID (Radio-frequency identification) is a type of technology used in self-service equipment to enable library users to borrow and return books themselves. This self service technology is used by the library to assist in delivering a more efficient service.

RFID allows an item, e.g. a library book to be communicated with by radio waves. This technology is similar in concept to a cell phone.

Why was

- To allow efficiency on self issue
- To speed up the circulation process

RFID Technology

- To reduce number of queues
- To move with current trends

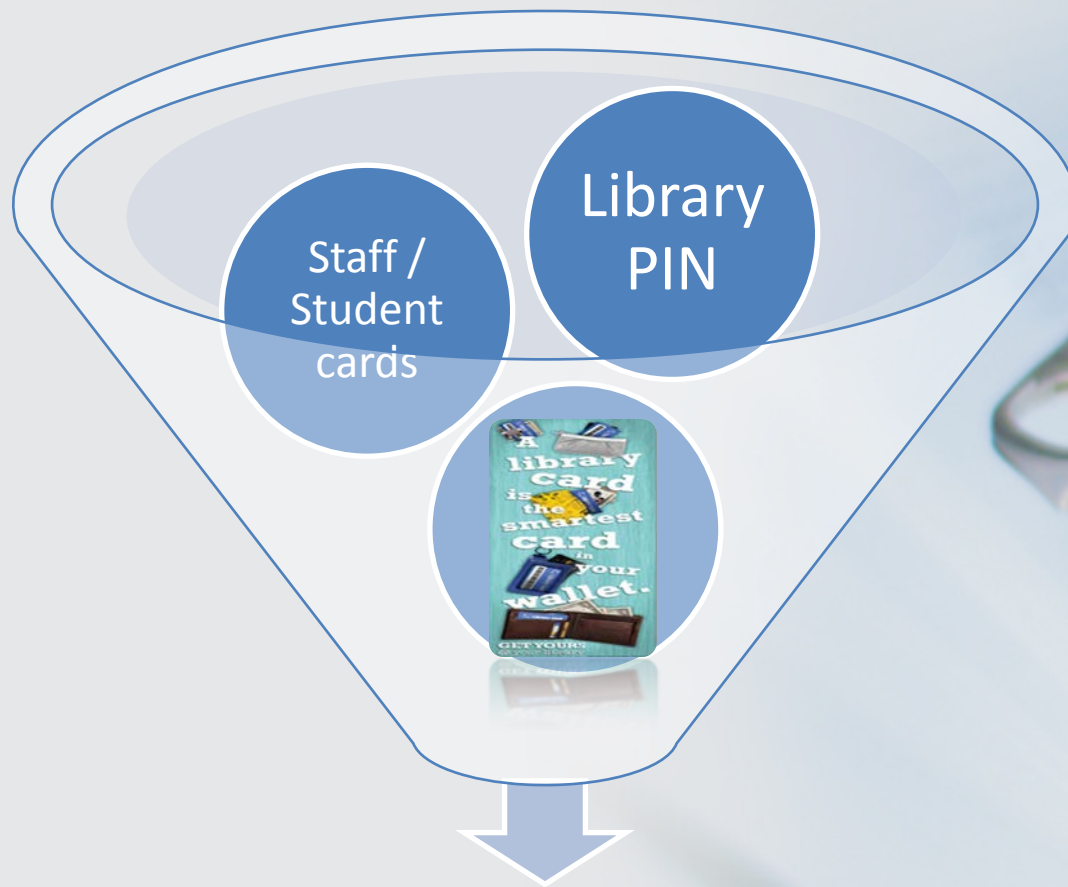
Implemented

- To improve on user experience & saves time
- Certainly a good tool to have

## WHO CAN USE THE RFID MACHINE?

All University staff members

All registered Unisa students



WHAT ARE THE REQUIREMENTS TO USE  
THE MACHINE?



# ***HOW IS RFID USED IN THE LIBRARY?***

## **Self-check out:**

- **Borrowers scan their staff/student cards at the machine**
  - **Require to enter a PIN code or password**
  - **Items are placed on the reader table**
    - **A receipt is then printed.**

## **Self check-in:**

**The operation is even simpler than issue**

**A borrower card is not required for a return**

- **Borrowers place items in the return hatch**
  - **Items are checked in**
  - **A receipt is printed**

# ARE ALL RFID SYSTEMS THE SAME?

Uses different RFID 'data model'

Different data stored

Check in machine

Check out machine

RFID reader

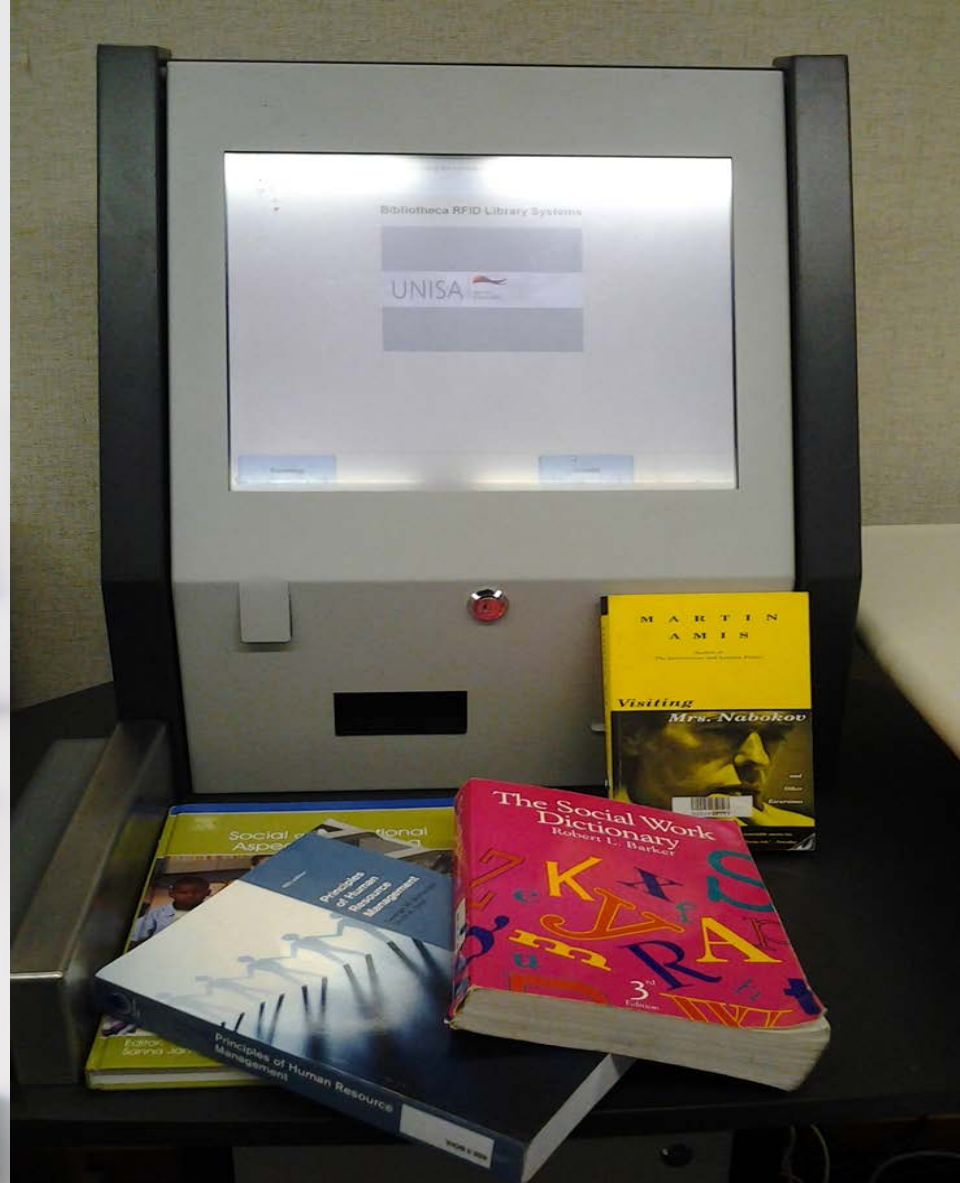


# Getting to know how to use the RFID machine



# I AM HERE TO:

- reduce queues
- save your time



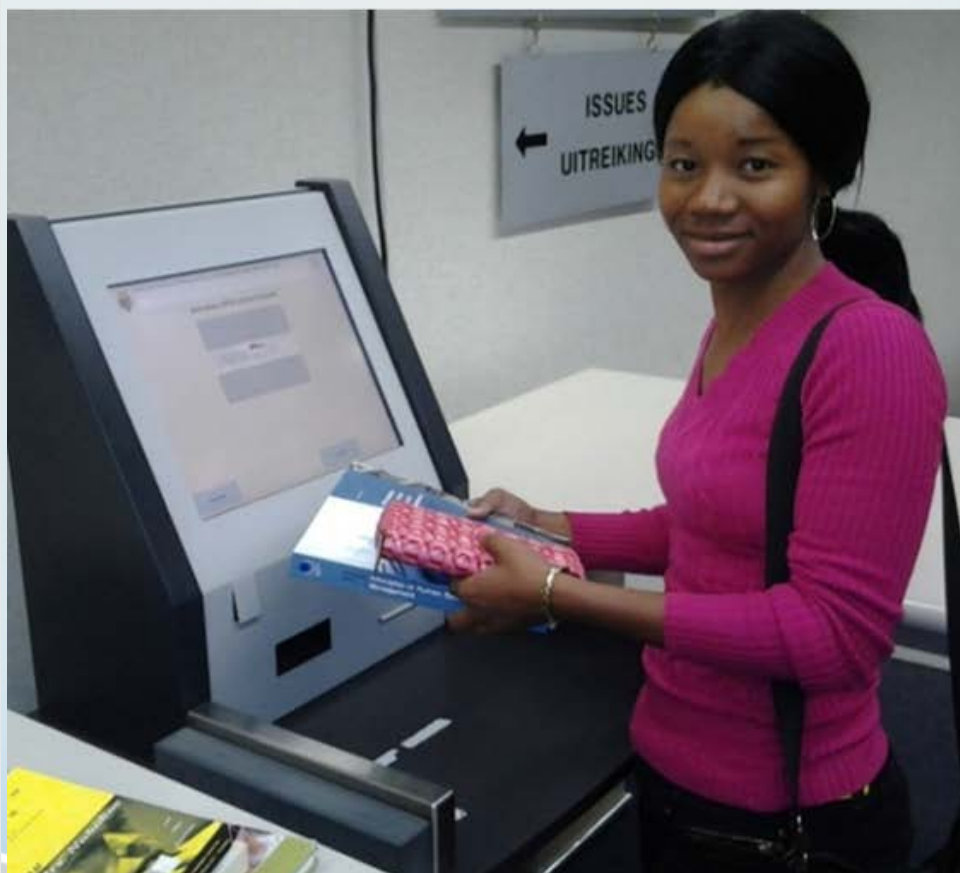
# Avoid the queues



Time is money



# Self check-out



How to check out books?

# Self check-in at the Library entrance





# How to check-in books?





- Questions?



I can't believe it only took less than a day to get myself registered on the library system, able to use the Research Space for my research, and able to take out books easily and faster than I thought. Wow! This will make my studies so much easier!

Many library users struggle to make use of the library, however, they have Librarians, Library staff to support and encourage them. *We are here to help you!*

“Trying to learn from what's behind you and never knowing what's in store makes each day a constant battle just to stay between the shores”, Garth Brooks.

**Thank you**