From Symbiosis to Synthesis – Alma and bibliotheca RFID Integration

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Developers Day

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The Starting Point

2 bibliotheca smartserve 600 self check stations
• fully functional at go-live

2 staff workstations
• bibliotheca smartstation™ shielded hardware
• biblioConversion software
• smartstation manager circ software

No integration of Alma UI and bibliotheca hardware
• check-in / check-out via Alma „Manage Patron Services“
• security ON/OFF via bibliotheca smartstation manager circ
The Long and Winding Road

- go-live without Alma-RFID-integration
- Suggestion of bibliotheca: use smartstation manager circ software
  - no integration
  - only independent setting of security AFI
- Alma release May 2016: integration of Alma and RFID
- Integration Alma-RFID works as described in Developers Network!
- July 2016: bibliotheca Germany agrees to sell necessary licenses

Many times I’ve been alone
And many times I’ve cried
Any way you’ll never know
The many ways I’ve tried

© Paul McCartney
The Navigation Aid

As always: RTFM!

https://developers.exlibrisgroup.com/alma/integrations/rfid

Alma OLH: „RFID Support“

Get bibliotheca RFID hardware
Install necessary hardware drivers

Configure RFID integration profile in Alma

Install NGINX

https://nginx.org/

Install Liber8Connect

Check that ports in NGINX and Liber8Connect software match
The Navigation Aid

Check integration profile:

Check nginx.conf – do the ports match?

```
server {
    listen 5000;
    server_name localhost;

    location / {
        proxy_pass http://127.0.0.1:53535;
        proxy_set_header Host $host;
        proxy_set_header X-Real-IP $remote_addr;
    }
}```
The Finish Line

RFID integrated in Alma for

- Repository search
- Persistent search bar

Fulfillment:
- „Manage Patron Services“ (check-in and check-out)
- „Return Items“
- „Scan in Items“

Resource Management / Acquisition
- Physical Item Editor
- Quick Cataloging
- Receive
Issues and Suggestions

Issues

• Cost – one license of Liber8Connect sells at 500,-- Euro

Suggestions

• Check-in and check-out of several items in bulk should be possible
• Display of RFID buttons should be depending on the presence of installed RFID hardware

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