Balancing Service and Data Security
Carmen Hüning
Our library

• 4 branch libraries
  – 3 in Münster
  – 1 in Steinfurt (35 km away)
  – no central library

• Opening hours
  – 70 hours a week
  – Monday to Saturday
Our users

• Nearly 15,000 students
• Approximately 1000 employees
• Alumni
• Students from other universities
• Other interested persons
Our library staff

• 16 positions
  – 23 colleagues
• almost only student workers at the circulation desk
  – Contracts are usually 10 hours a week

We have to keep it simple at the circulation desk.
Central location for user data

• One IDM for user data at the university
  – The data are converted via XLS-transformation
  – Transferred (SSH) to WMS via Patron Data Load every half an hour

• Advantage:
  – High data quality
  – Less work at the circulation desk
  – Same user name for each login at the university
RFID – where?

• At each desk
RFID – where?

• At the self-service circulation for check-out and check-in
RFID – where?

• Self-service return
RFID – where?

• Security gates
RFID – what for?

- Storing media barcode
  - Only reading
- Anti-theft device
  - Activate/deactivate via SIP2
IntroX – our catalogue & EBSCO Index

• Record delivery to our provider hbz NRW
  – MARCXML with UTF-8 unicode
  – Delivering via FH Münster

• Item data, circulation data, user account data
  – WMS Availability API
  – WMS NCIP API
IntroX – our catalogue & EBSCO Index
## IntroX – our catalogue & EBSCO Index

<table>
<thead>
<tr>
<th>Suche</th>
<th>Datenbanken / E-Zeitschriften</th>
<th>Fernleihe</th>
<th>Konto</th>
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</thead>
</table>

### Ausleihen, Vormerkungen etc.

- Ausgeliehene Medien: 1
- Vormerkungen: 1
- Gebühren: EUR 0*

* In dieser Summe sind die im Benutzerkonto unter "Ausleihen" angezeigten Ge

### Details

<table>
<thead>
<tr>
<th>Ausgeliehene Medien (1)</th>
<th>Vormerkungen (1)</th>
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<tr>
<td><strong>Gesamtes Konto verlängern</strong></td>
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001. Abenteuer Kommunikation; Bateson, Perls, Satir, Erickson und die...

- Ausgeliehen am: 08.02.2017
- Zurückzugeben am: 31.08.2017 [verlängern]
- Anzahl Verlängerungen: 1
- Medien-Nummer: 871654838
Our collection

• Annual budget: 770,000 €
• 650 journals
• 190,000 books
• 67,000 e-books
• 15,000 e-journals
WMS2SunRiseFibu

- Identifies the orders prepared in the WMS acquisition (Payment Status: Ready)
- Converts them into a suitable form for the SISIS-SunRise FIBU interface
- Processes the communication with the SISIS-SunRise FIBU interface.
WMS2SunRiseFibu

- WMS Acquisition API
- WMS Vendor Information Center API
SunRiseFibu

- XSL-Transformation into the needed format
  - In our case CSV
- Data is delivered to the financial department of the university
  - SFTP, Mail …
Thank you for your attention!

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