Electronic Resource Management Systems (ERMS) 
An Overview

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Outline

- Introduction - ERMS
- Life Cycle of Electronic Resources
- Current ERMS Products
- Features of ERMS Products
- Current State of ERMS in Gujarat
- Conclusion
Introduction

- What is Electronic Resource Management System
- There are various steps involved in the management of e-resources
  - Evaluation
  - Trial
  - Selection
  - Licensing
  - Acquisition
  - Service Support
  - Evaluation Monitor
  - Renewal or Cancellation
There are tools to manage above mentioned process of e-resources, is called Electronic Resource Management Systems which is useful tool for librarians.

The library automation softwares are not capable enough to handle management of eResources in an effective or holistic way.

ERMS entered the market in early 2000s.


Objective of DLF-ERMI –
Was to develop a common specification and tools for managing the license, administrative process and internal information associated with collection of licensed eResources.
ERMS Products : Early Stage

More than 16 ERMS products were available during early stage:

- Innovative ERM by Innovative Interface
- TDNet ERM by TDNet Inc.
- Web-Share License Manager by OCLC
- SMDB by Semper Tool
- CORAL by University of Notre Dame’s Hesburgh Libraries
- Vera by MIT
- 360 Resource Manager by Serial Solutions
- HERMIS by Harrassowitz
- Hermies by Johns Hopkins University Libraries
- Gold Rush by Colorado Alliance
- Journal Finder by WT Cox
- EBSCONET ERM Essential by EBSCO
- CUFTS by Simon Fraser University Library
- E-Resource Central by SIRSI Corp.
List of Current ERMS Products

Open Source ERMS
- CORAL
- E-Matrix

Integrated ERMS
- The Semper Tool Digital Library Suit formally known as SMDB (from Sempertool)
- Alma (from ExLibris) formally known as 360 Management Services
- TDNet Discover (from TDNet)
- BLUEcloud eRM (from SirsiDynix) – Powered by CORAL
Electronic Resource Management Products

CORAL (Open Source)

E-Matrix (Open Source)

EBSCO ERM ESSENTIAL

ALMA ERM
GoldRush

The Semper Tool Digital Library Suit

TDNet Discover

Worldshare e-Services

Electronic Resource Management Products
## Detail of ERM Products

<table>
<thead>
<tr>
<th>Product</th>
<th>Year</th>
<th>Modules</th>
<th>Standards and Compatibility</th>
<th>Programming Language, Platform, Database</th>
<th>Professional Training or Service Providers in India</th>
<th>Features</th>
<th>URL</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-MATRIX</td>
<td>2006</td>
<td>Licensing, Access, Reports</td>
<td>Counter</td>
<td>PostgreSQL, Java</td>
<td>NA</td>
<td>Populate A-Z List, Link Resolver, Allow to examine library holding</td>
<td><a href="https://www.lib.ncsu.edu/e-matrix/contact.html">https://www.lib.ncsu.edu/e-matrix/contact.html</a></td>
<td>Free - Homegrown</td>
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<td>Alma ERM</td>
<td>2012</td>
<td>All-in-one including resource management of Print, Electronic and Digital materials</td>
<td>ISO 22301, ISO 27001, ISO 27017, ISO 27018, GDPR</td>
<td>Browser and OS (Linux or Windows), SaaS is also available</td>
<td>Available online for all customer</td>
<td>Central KnowledgeBase, E-Resource Workflows, Licenses, Link Resolver, Usage, Overlap Analysis</td>
<td><a href="https://www.exlibrisgroup.com/products/alma-library-services-platform">https://www.exlibrisgroup.com/products/alma-library-services-platform</a></td>
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<tr>
<td>The Semper Tool Digital Library Suit</td>
<td>2006</td>
<td>Universal ERMS, Statistics, Link Resolver, A-Z Products and Resources, Discovery System</td>
<td>Open URL, COUNTER, SUSHI, SRU, API-JSON, HTTPS</td>
<td>Linux, Apache, MariaDb, MySQL, Java, PHP, Perl</td>
<td>Email, Skype, Phone Call</td>
<td>Subscription Management (Licenses, Prices, Renewals, Reports), Statistics (Counter, SUSHI, Most Uses, Most Denied, Cost Per Usage, Monthly Yearly Usage, Graphs, many more)</td>
<td><a href="https://www.sempertool.dk/services">https://www.sempertool.dk/services</a></td>
<td></td>
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In 2018, a survey on “Librarian’s Perception on Adoption and Use of Electronic Resource Management System: A Survey of University Libraries in Gujarat” was conducted.

Questionnaire were sent to 50 Institution/University Libraries of Gujarat.

Total 30 responses were received.

Participated Libraries were having diversified electronic contents as part of their eCollection. i.e. eJournals, eBooks, eTheses and Dissertations, CD/DVDs etc.

Mostly eCollections were processed/managed by Acquisition Dept. i.e. 13 (43%) followed by Serials Dept. 9 (30%).

Upon asking how eResources are managed currently, it was managed Manually, emails, IR software, Library management software, consortium, IP based, through storage media etc.
Level of Person responsible for management of eResources

- Librarian: 14 (47%)
- Assistant Librarian: 10 (33%)
- Library Assistant: 5 (17%)
- Deputy Librarian: 1 (3%)

Legend:
- Librarian
- Assistant Librarian
- Library Assistant
- Deputy Librarian
Number of libraries using ERMS for management of eResource

Number of Library using ERMS

- Yes: 2
- No: 28
In future, If an open source innovative ERMS model (preferably Integrated) that is designed, would it be beneficial for your library to manage electronic resources?
To sum up

- ERMS is going to be an inevitable part of university libraries in future.
- Each ERM tools have different features and functionality.
- We can manage eResources effectively and efficiently using ERMS.
- ERM Tools have capability to Store, retrieve and compare License agreements.
- Help us in analyzing the cost per use.
- It serve as a single platform for managing all eResources.
- Renewal alert notification through email.
- We can create A-Z list of all eJournals
- Same the time of staff.
References

Journal Articles:


Books:

Thank You!