2 - Disclaimer

This report is provided to Ex Libris Ltd. If this report is received by anyone other than Ex Libris Ltd. The recipient is placed on notice that the attached report has been prepared solely for use in connection with Ex Libris Ltd. and this report and its contents may not be shared with or disclosed to anyone by the recipient without the express consent of Ex Libris Ltd. and KPMG Somekh Chaikin. KPMG Somekh Chaikin shall have no liability for the use of this report by anyone other than Ex Libris Ltd. and shall pursue all available legal and equitable remedies against recipient, for the unauthorized use or distribution of this report.

3 - Purpose

The Privacy Impact Assessment (PIA) is a process that identifies what impact a project, initiative or general collection and use of information might have on the privacy of individuals. A PIA is a point-in-time assessment, and the resultant report and other outputs should be revisited as changes occur to the processes that were originally assessed.

This PIA includes a brief description of the data processed in Leganto system, the privacy impact of this, and the measures Ex Libris is taking in order to manage the risks involved.

4 - Main Findings and Conclusions

We have reviewed the privacy risks regarding Leganto system, and the privacy and security controls designed to mitigate those risks.

Leganto - Reading Lists Management System, is allowing instructors create reading lists for students, and gives the students an integrated solution, along with the library management system.

It should be noted that the user-management functionality in Leganto, relies on Alma, and therefore individuals’ related information is based on the combination of the two systems. Resulting, most of the GDPR related requirements are fulfilled in Alma.

Ex Libris is a data processor of the data, with the universities and the data controllers. Subsequently, many of the responsibilities around data subject rights, are the universities’. Individuals’ personal data in Leganto is limited in nature and the inherent risks resulting is low. The privacy controls are designed and implemented in order to comply with GDPR requirements, relating to the business processes of Leganto.

After reviewing all material GDPR aspects, the privacy risks and implemented controls, any residual risk that we found was minimal. Our impression is that Ex Libris efforts in implementing GDPR requirements are well managed, resulting in a good level of compliance.
One of the main principles of GDPR is Privacy by Design, which means promoting privacy principles throughout product and process development from start, and maintaining this while products and services are developing. In order to keep compliance, Ex Libris will have to continue putting privacy of its clients and end-users as a core value, and lead by example for other SaaS vendors in the market.

5 - Scope and Plan

This PIA scope is the Leganto application – Ex Libris is a data processor of the data. The Institution, which is the Ex Libris customer, determines the purposes and means of the processing of personal data, and therefore is the data controller.

The purpose for data processing is to provide Institutions (instructors and students) with solution specialized interface for reading lists, including reading lists development, instructor and student notes, collections, and usage analysis.

The Leganto is integrated with Alma LMS solution, and relies on Alma’s database for user, and other resources, management.

6 - Data Elements

Leganto runs on the Alma platform; users must be registered in Alma in order to access Leganto.

Data Privacy Risks of Alma are detailed a separate report - Alma Privacy Impact Assessment report, and are not the scope of this report.

The data elements in Leganto include reading lists and notes, both of instructors and students. This information can be associated with an individual only through the Alma database, which contains the user identity.

6.1 - Data Sharing

Information is not shared by Ex Libris with any third party organizations or individuals. The Ex Libris customer determines how and what information is shared with third parties. Notice about information collection and sharing is detailed in: https://www.exlibrisgroup.com/privacy-policy-1-2/

6.2 - Data Flows

Data is collected in the following processes:

- Reading lists creation and management by instructors and librarians.
- Reading lists notes and usage from students.
Data is not transferred by Ex Libris to any third party, except as authorized or initiated by the Ex Libris customer.

### 7 - Risks and Controls

Data processing involves high volume activities, yet the information in the system does not contain individuals’ data – this information is managed in Alma. Following, the sensitivity of the information collected is low.

Specific risks and controls:

<table>
<thead>
<tr>
<th>Main Risks</th>
<th>Key Controls</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disclosure of individuals’ data to unauthorized party – internal users</td>
<td>- Individuals’ information is manage in Alma, and the privacy and security controls regarding this information pertain to Alma (see: Alma DPIA).</td>
</tr>
<tr>
<td>Disclosure of individuals’ data to unauthorized party – external party (like hackers)</td>
<td></td>
</tr>
<tr>
<td>Processing of personal data without proper need</td>
<td>- Contractual agreement</td>
</tr>
<tr>
<td></td>
<td>- Privacy by Design processes, managed by DPO, including privacy implementation in product development</td>
</tr>
<tr>
<td></td>
<td>- Privacy assessments</td>
</tr>
<tr>
<td>Breach of individual rights</td>
<td>- Data Processing Agreement clearly defining customer responsibilities as a controller</td>
</tr>
<tr>
<td></td>
<td>- Most individual rights are responsibility of data controller</td>
</tr>
<tr>
<td></td>
<td>- Governance processes by DPO</td>
</tr>
</tbody>
</table>

### 8 - Privacy Management Framework

#### 8.1 - Governance

Ex Libris is ISO 27701 (privacy information management system) certified. Adherence to the framework is the responsibility of Ex Libris DPO, Ellen Amsel. This includes the product development lifecycle and privacy processes implemented throughout Ex Libris.
**8.2 - Privacy Policy**


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**8.3 - Security**

Ex Libris has implemented a multi-tiered security model that covers all aspects of our cloud-based systems. The security model and controls are based on international standards, such as ISO/IEC 27001:2005 and ISO/IEC 27002, the standards for an information security management system (ISMS). The full list of Ex Libris ISO certifications can be found [here](https://knowledge.exlibrisgroup.com/Cross_Product/Security/Policies).


Security policies include:

- Cloud Security and Privacy Statement
- Customer Appropriate Usage Statement
- Ex Libris Certified Third-Party Software and Security Patch Release Notes
- Ex Libris Cloud Services BCP
- Ex Libris New Third Party Software Evaluation and Plan
- Ex Libris Password Policy
- Ex Libris Security Incident Response Policy
- Ex Libris Security Patches and Vulnerability Assessments Policy
- Welcome to the Ex Libris Cloud

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**8.4 - Third Party**

Ex Libris uses data center co-location providers. Ex Libris owns and manages all the equipment in the data center and monitors the security controls over the data center vendor using SOC2 Type 2) audit reports. Additional information can be found at the Ex Libris Trust Center.

Personal data is not shared by Ex Libris with any third parties, except as authorized or initiated by the Ex Libris customer.

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**8.5 - User Rights**

User rights are managed by the Institution through the Institution’s identity and access management system, which is integrated into Alma. Leganto access is controlled through Alma.

Ex Libris is a processor for Leganto data. User access rights are of the responsibility of the Institution, which is the data controller (customer).
Data processing agreements with customers (institutions) clearly define that, with regard to the processing of personal data, the customer is the Controller, and Ex Libris is the Processor.

Execution of data subject rights is the responsibility of the Institution using Leganto’s interface. Because user identification and authentication is performed through Alma, some of the data subject rights must be performed in Alma, not Leganto (for example, data rectification by university authorized staff).

8.6 - Consent

User consent is managed by the data controller, therefore, it is the Institution’s responsibility to ensure that only users who have provided their consent for the relevant data processing be allowed access to Leganto.

8.7 - Training & Awareness

Ex Libris is managing privacy training and security awareness training. The Privacy training includes extensive Privacy by Design training.

8.8 - Incident Handling

Ex Libris has developed and implemented incident response and notification procedures. Procedures include a breach notification policy and the involvement of the DPO in case of a data breach.

8.9 - Privacy by Design

Ex Libris has implemented Privacy by Design processes that involve the DPO and addressing privacy concerns from the beginning of product development and through change management.

8.9.1 - Data Minimization and Data Retention

Data minimization is performed in Alma, which is the platform, for Leganto.

The information collected by Leganto (specific data elements listed above) is limited to the information necessary, relevant and proportionate to the purposes of the system use.
# 9 - Record of Changes

<table>
<thead>
<tr>
<th>Type of Information</th>
<th>Document Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Document Title:</td>
<td>Leganto Privacy Impact Assessment</td>
</tr>
<tr>
<td>Document Owner:</td>
<td>Tomer Shemesh – Ex Libris Chief Information Security Officer (CISO)</td>
</tr>
<tr>
<td>Approved by:</td>
<td>Ellen Amsel, Privacy and Regulation Officer &amp; DPO</td>
</tr>
<tr>
<td>Release date:</td>
<td>October 16, 2018</td>
</tr>
<tr>
<td>Reviewed &amp; Revised:</td>
<td>Tomer Shemesh</td>
</tr>
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## 9.1 - Revision Control

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<thead>
<tr>
<th>Version Number</th>
<th>Nature of Change</th>
<th>Date Approved</th>
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<tbody>
<tr>
<td>1.0</td>
<td>Initial version</td>
<td>October 16, 2018</td>
</tr>
<tr>
<td>2.0</td>
<td>Reviewed and updated</td>
<td>March 15, 2020</td>
</tr>
<tr>
<td>2.1</td>
<td>Reviewed and updated</td>
<td>October 22, 2020</td>
</tr>
<tr>
<td>2.2</td>
<td>Reviewed and updated</td>
<td>December 24, 2020</td>
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