



# **OCCAM'S READER**

**KENNY KETNER  
IDS CONFERENCE  
JULY 30, 2015**



# First of all...

A fan letter!



We (Ryan and Kenny at Texas Tech) are huge fans of the IDS Project.

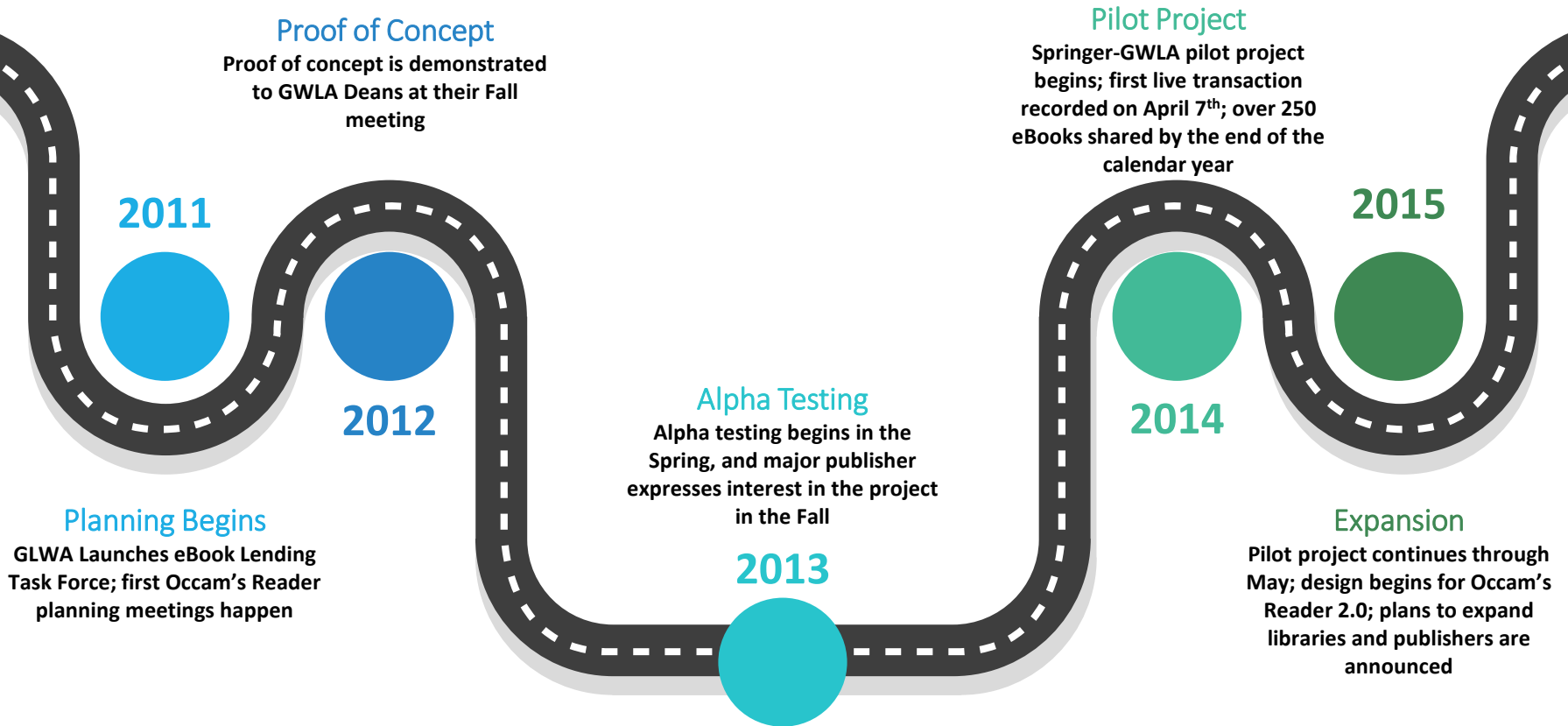
Ever since we installed the Getting It Systems Toolkit several years ago, we have admired the way IDS Project innovates and gives back to the library community.

In that same spirit, we have developed Occam's Reader. Soon after we deploy v2.0, we will do our best to make it interoperable with IDS Logic.

Much love from West Texas!

# Occam's Reader Timeline

Our story so far



# Meet the Occam's Reader Pilot Group

Texas Tech, University of Hawaii at Manoa, and GWLA

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TEXAS TECH  
UNIVERSITY.



UNIVERSITY  
*of* HAWAII<sup>®</sup>  
MĀNOA

 Greater Western Library Alliance 

# How Occam's Reader v1.1 Works

From patron request to request completed

01

## Patron Request

Patron makes an ILL request in the normal manner, Borrowing staff confirms with add-on

02

## ILL Staff Receives Request

ILL staff at the lending library receives the request in ILLiad, and the request is automatically routed to the Occam's Reader processing queue

03

## ILL Staff Activates Occam's Reader

ILL staff activates the Occam's Reader ILLiad add-on and launches the Occam's Reader software; the software takes the next steps in the transaction

06

## Borrowing Library Completes Request

Borrowing library receives the email with login credentials, forwards it to the patron, and closes the request in their normal manner

05

## Lending Library Sends Email

The Occam's Reader software generates an email with the URL for the eBook and the login credentials to access it; the email is then sent by the lending library to the borrowing institution

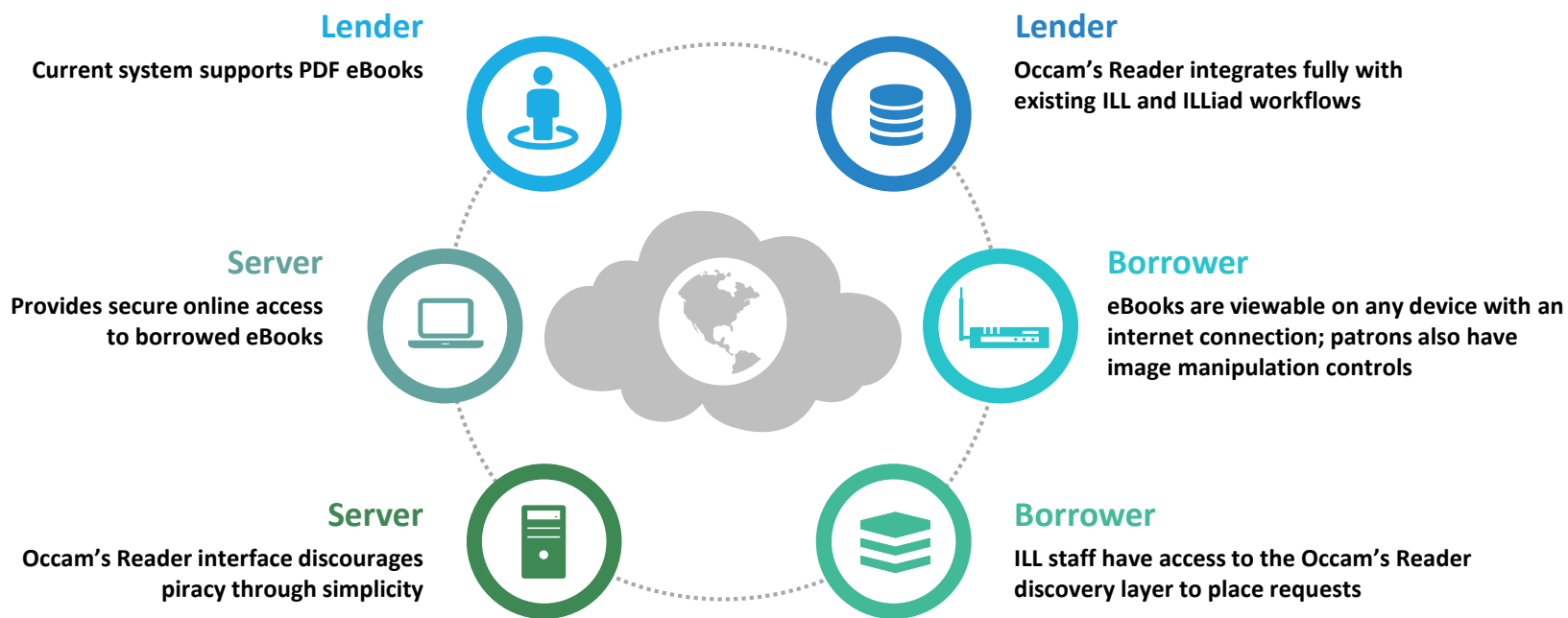
04

## Occam's Reader Processes/Uploads

Occam's Reader performs the image conversion process and sends the converted eBook to the OccamsReader.org server

# Occam's Reader v1.1 Features

Used in the pilot project



# ILLiad Add-on Features of Occam's Reader v1.1

## ILLIAD add-on and client integration



### LUA script and PHP webpages

All ILLiad addons must be LUA scripts, and the PHP pages let information flow back and forth between ILLiad and Occam's Reader



### Borrowing add-on

This is how the ILL staff access the discovery layer



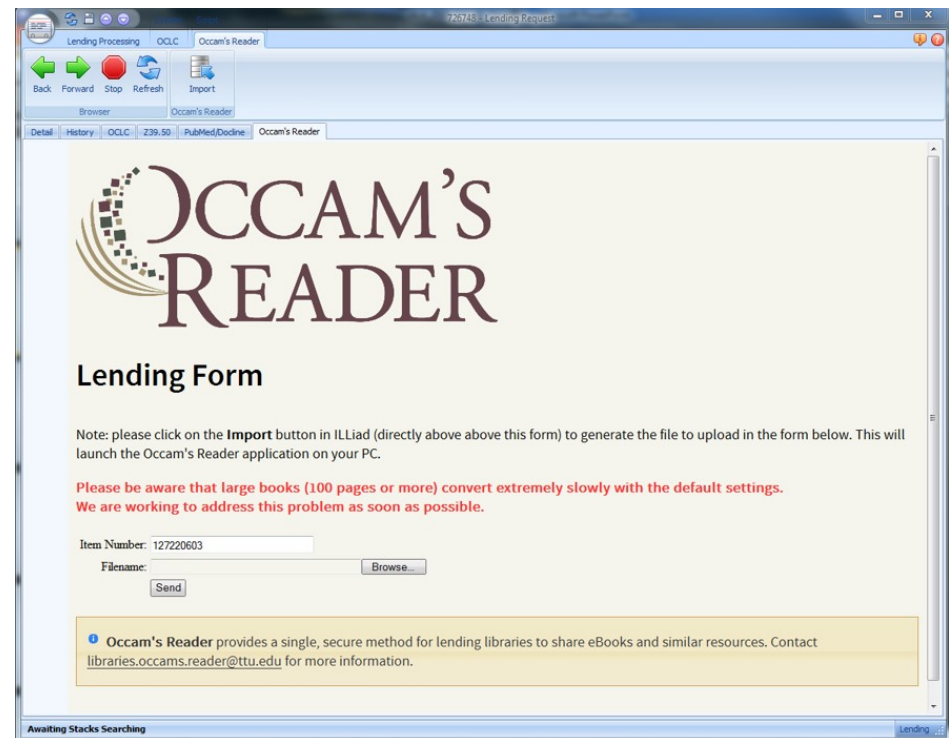
### Discovery layer

The discovery layer was a necessary partnership with Springer to make eBooks easier to find

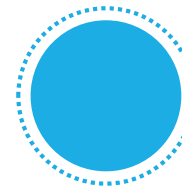
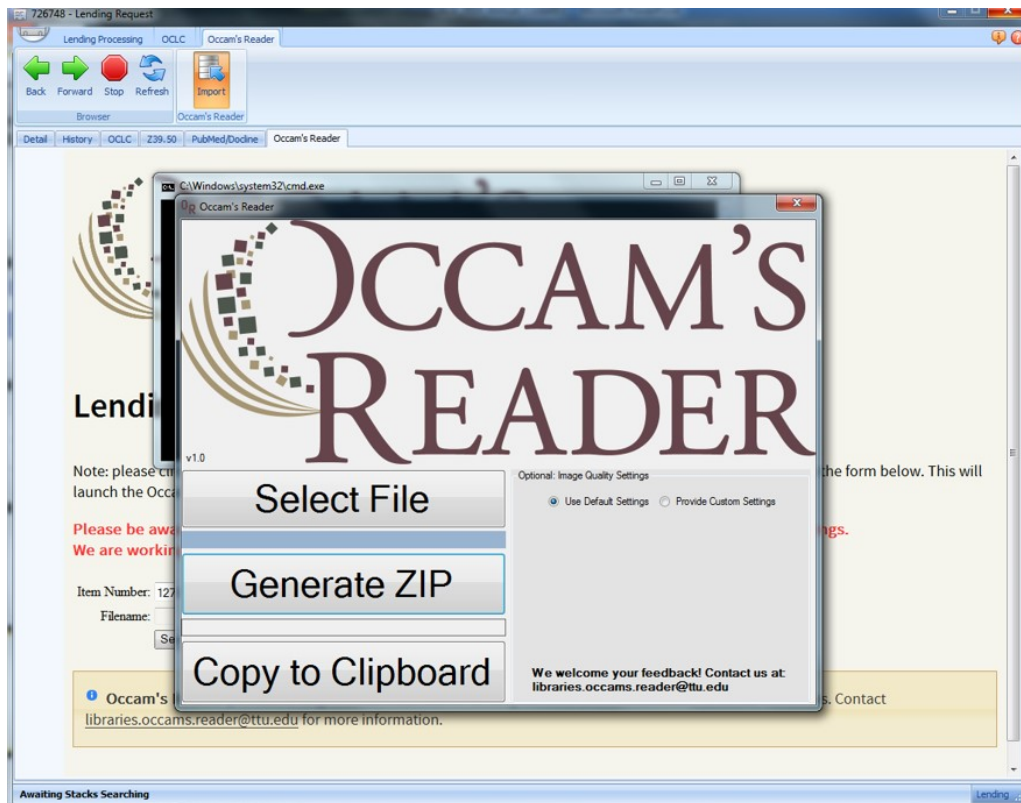


### Lending add-on

This launches the local OR client software. The local client processes the book, sends it to the OR server, and emails the borrowing library that the book is ready

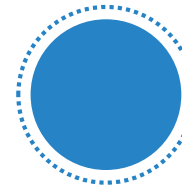


# Image Conversion Software of Occam's Reader v1.1

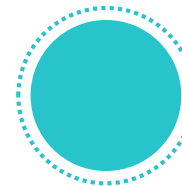


Occam's Reader Conversion

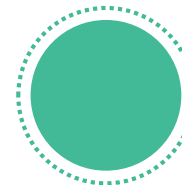
Uses .NET framework



Launches from within ILLiad Client  
To coincide with existing ILL workflows



Generates the Images for the Server  
The software converts the PDF into images, sends the zip file to the server, and generates the login credential email



Open Source Prerequisites  
Imagemagick, GhostScript, and 7zip



# Occam's Reader v1.1 Web Viewer Sample

## Top features

- ✓ Full-Color Images
- ✓ Clear Text on Default Settings
- ✓ Works in Any Browser
- ✓ Full Demo: [OccamsReader.org/demo](http://OccamsReader.org/demo)

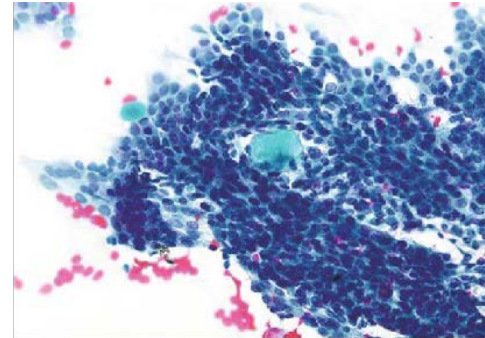


FIGURE 2.21. Collagenous spherulosis. Cellular smear with hyperchromatic and crowded ductal epithelium. Two well-defined pale green globular structures are present. (Smear, Papanicolaou.)

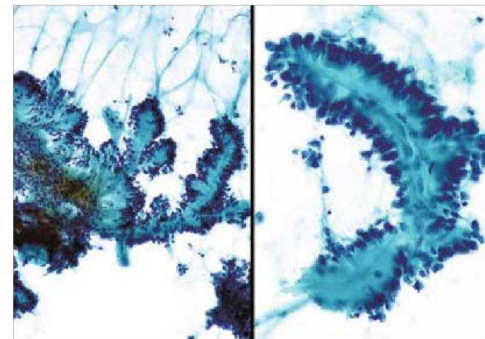
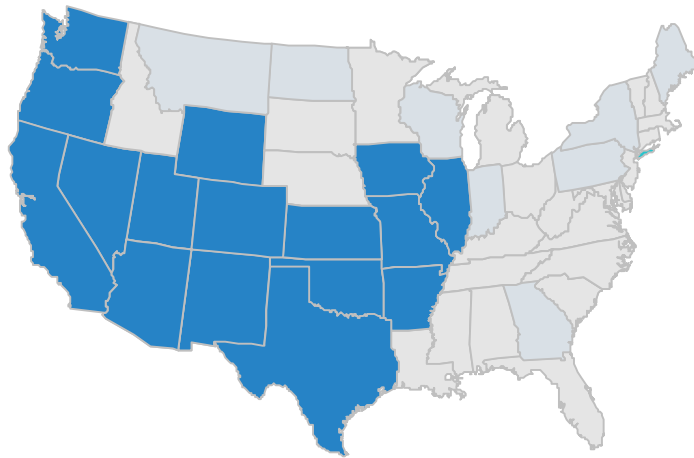


FIGURE 2.22. Collagenous spherulosis. Papillary-like branching cords of pale green cylindrical structures lined by proliferative ductal epithelium. Note the presence of stromal nuclei within the pale green substance, a feature often helpful in distinguishing

# Occam's Reader Pilot Statistics

March 2014 through May 2015

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- ✓ 964,655 Springer eBooks
- ✓ 113,854 distinct Springer Titles
- ✓ Over 2 million unique page views
- ✓ Average time on site 30+ minutes
- ✓ 786 total books have been sent

# Pilot Terms

Just the tip of the iceberg

## Chapters and Full books

We are allowed to send both chapters of books and the full book during the pilot

## Request details

We do share some data with Springer as part of our agreement to get access and permission to lend eBooks

## Full Book loan period

The loan period for full books is set at 14 days. This was an agreed upon, but somewhat arbitrary number

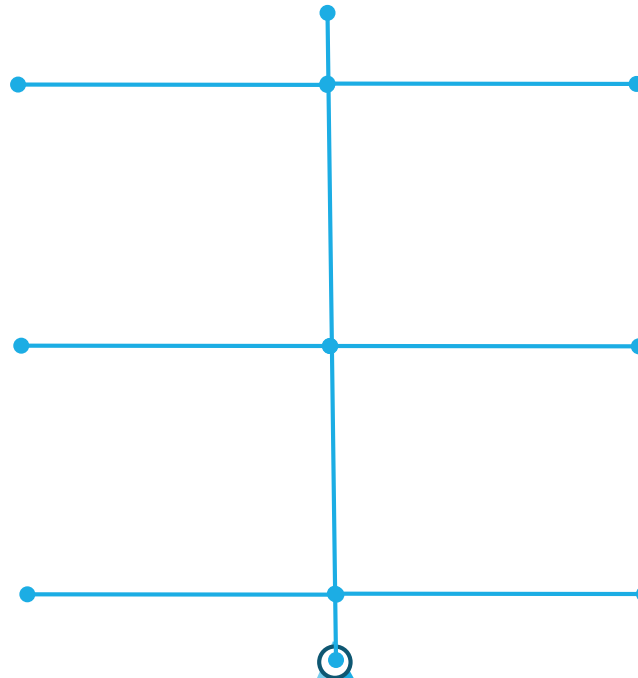
## Loan and Request Details

We share only the citation information of the book and the library that requested and filled the item

## Chapter loan period

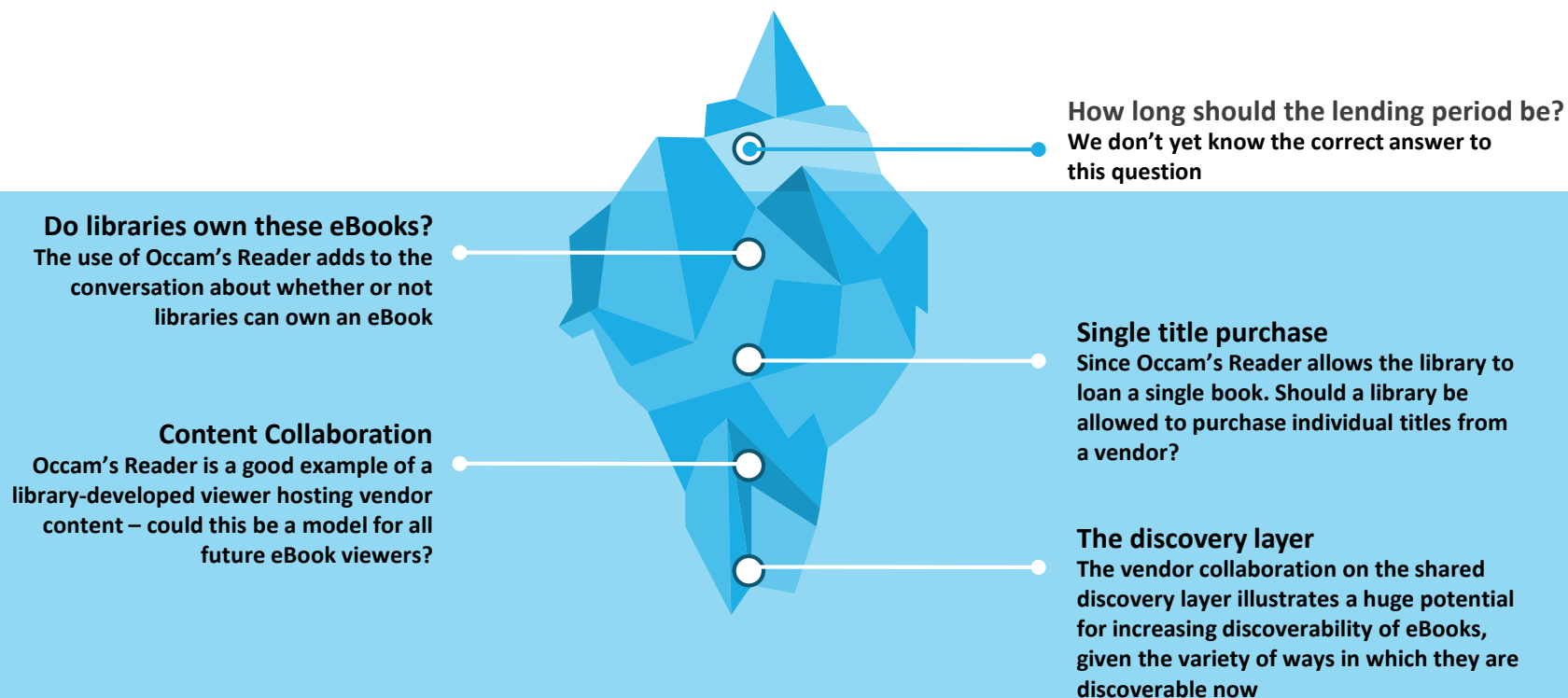
The loan period for chapters is set at 90 days; this is the accepted timeframe for ILL currently

**At NO point do we share or collect patron information**



# Unanswered Questions, Unintended Consequences

And things to ponder...



# After the Pilot

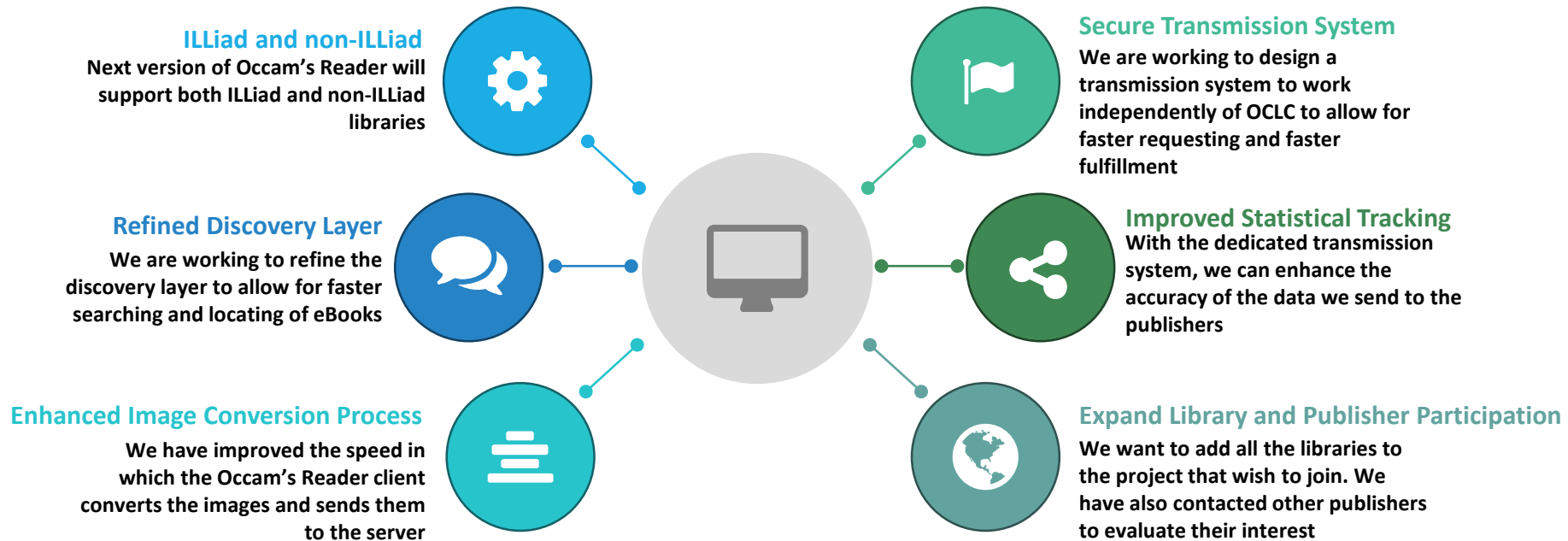


**The Occam's Reader Pilot Group made the decision to release the pilot version to the library community for educational purposes.**

**It is available at [OccamsReader.org/Release](https://OccamsReader.org/Release)**

# Occam's Reader v2.0 System Features

Growing beyond the scope of the pilot project





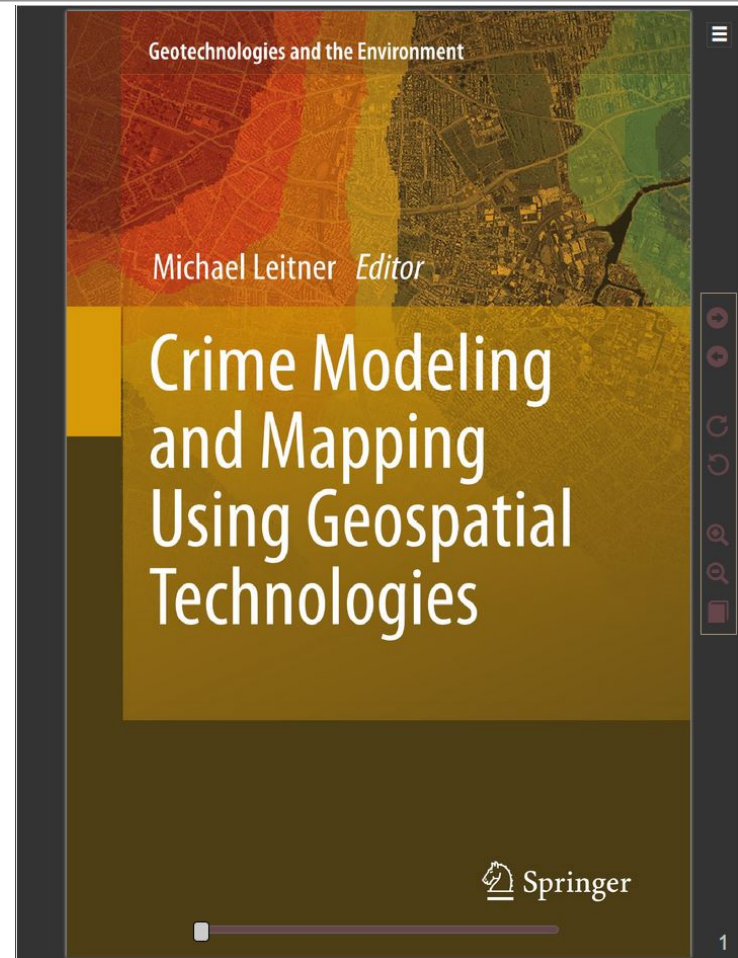
# Occam's Reader v2.0 Image Conversion

Solves many problems encountered during the pilot project...

# Occam's Reader v2.0 Viewer

## Top features

- ✓ Supports responsive design and touch controls
- ✓ Provides a “recommend for purchase” button
- ✓ Incorporates a thumbnail slider for easy browsing
- ✓ Citation information available





## Other Cool v2.0 Viewer Features

[See for yourself at OccamsReader.org/ViewerDemo](http://OccamsReader.org/ViewerDemo)

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**Pre-loads previous and next images**

**Full screen reading**

**Hide controls**

**Reset view to default**

**Keeps familiar controls from pilot version**

# Thank You

We would love to answer your questions!

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**KENNY KETNER**  
**SOFTWARE DEVELOPMENT MANAGER**  
**TEXAS TECH UNIVERSITY LIBRARIES**  
**[KENNY.KETNER@TTU.EDU](mailto:KENNY.KETNER@TTU.EDU)**

**RYAN LITSEY**  
**ASSISTANT LIBRARIAN, DOCUMENT DELIVERY**  
**TEXAS TECH UNIVERSITY LIBRARIES**  
**[RYAN.LITSEY@TTU.EDU](mailto:RYAN.LITSEY@TTU.EDU)**

**[SCHEDULE A DEMO IN AUGUST:](mailto:LIBRARIES.OCCAMS.READER@TTU.EDU)**  
**[LIBRARIES.OCCAMS.READER@TTU.EDU](mailto:LIBRARIES.OCCAMS.READER@TTU.EDU)**

