

# **Adobe Content Server for eBook Circulation**

Paul Waak  
NTLP

# Adobe Content Server (ACS) Overview

1. Why Use DRM?
2. What Does ACS Do?
3. What Does ACS Need?
4. Initially Automated Operations
5. Initially Manual Operations
6. Staff and Knowledge Planning
7. Space Planning
8. Cost Planning

# Why Use DRM?

- Recording use
- Management of city assets
  - a. Preservation - Do libraries need to retain ownership of their assets?
  - b. The Public Trust - Conveyance of public assets to private ownership needs to be supported by policy.
- Why use Adobe's DRM?

# What Does ACS Do?

- Staff Access Catalog
- Manage ebook storage
- Authenticate users for DRM
- Manage user permissions
- Records use

# What Does ACS Need?

- SQL database for record keeping
- Web server for ebook delivery
- Public access (aka., a storefront)
- Catalog records
- User authentication
- Report generation

# Initially Automated Operations

- Manage file storage of ebooks and their cover art
- User authentication via Adobe Digital Editions
  - a. Adobe ID
  - b. Vendor ID
- Management of user permissions
- Early return via Adobe Digital Editions
- Expiration of user access

# Initially Manual Operations

- Loading ebooks into ACS
- Defining the permissions for each ebook
- Making each ebook publicly findable
- Authenticating users against the ILS
- Creating usage reports

# Staff and Knowledge Planning

- IT Support
  - Networking
  - Windows, Mac, or Linux web server administration
  - MySQL, Oracle SQL, or MS SQL administration
- Acquisitions and Rights Management
  - PDF, EPUB, ONYX, and XML
  - How to create ebook files
  - Intellectual property rights
- Providing Public Access
  - HTML and XML for dedicated storefront or
  - MARC, HTML and XML for OPAC integration
- User training



# Server Space Planning

Up to 100,000 circulations per year

1. Network equipment
2. Media server (OPAC?)
  - Web
  - ACS Fulfillment
3. Management server
  - SQL
  - ACS Management
  - ACS Packaging

# Space Planning

Over 100,000 circulations per year

1. Network equipment
2. Media server (OPAC?)
  - Web
3. Fulfillment server
  - ACS Fulfillment
4. Management server
  - ACS Management
  - ACS Packaging
5. Database server
  - SQL

# Startup Cost Planning

- ACS Software
  - \$10,000 the first year
- Equipment
  - 2-4 servers @ \$500
  - Local or remote installation
- Staff
  - 40 hours - Equipment and software installation
  - 0.5 FTE - Storefront design or catalog integration
  - 0.5 FTE - Publisher negotiation

# Ongoing Cost Planning

- ACS Software
  - \$1,500 each year after first
  - + \$0.08 per circulation
  - (optional) \$35,000 for Vendor ID
- Equipment
  - Local or remote housing
- Staff
  - 0.2 FTE - IT Support
  - 0.5 FTE - Storefront design or catalog integration
  - 0.5 FTE - Acquisitions / Rights Management
  - 1.0 FTE - Working with Publishers