Prospector Annual Report 2017

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Introduction

The Prospector union catalog has entered its eighteenth year of operation and continues as a key service for supporting over forty libraries in the Rocky Mountain region in the sharing of print, audio, media and electronic resources. In addition to its role as a system for the patron initiated borrowing of physical items, the system also acts as a portal to millions of electronic resources including e-books, ejournals, government reports, and other materials. For academic libraries Prospector is the backbone for the Alliance Shared Print Trust which allows libraries to weed and shape their collections based on the holdings and commitments made by other libraries.

The Prospector system operates on software developed by Innovative Interfaces Inc. called *Innovative Resource Sharing* (formerly named INN-Reach). As the premier resource sharing system in the region, Prospector is now home to almost 14 million unique titles representing over 34 million items. Approximately one third of the unique content in Prospector is electronic resources (e.g. e-books, ejournals, audio). In most cases users must have a library card to access the e-resources from their local library although some publishers do allow resource sharing for e-content (e.g. Springer and Elsevier ebooks). The Prospector system fulfilled almost 490,000 requests for books, ebooks, DVDs and CDs during the last twelve months.

Prospector Upgrades

This past year, Prospector was upgraded to INN-Reach 3.0 sp1. This update addressed several bug fixes, but most importantly it fixed a long standing problem with Denver Public Library's bibliographic records not contributing to Prospector. Thanks to this fix, the records that DPL has profiled to contribute are all now in Prospector and available for request.

Prospector was also upgraded to the latest version of Encore which provides more customization. Search terms can be highlighted with a selected font color. There is an option to choose icons for format types.   It's also now possible to check multiple facets which helps to further narrow a search. Permalinks have also been added to Encore making it easy to bookmark a particular bibliographic record. This latest version of Encore also offers customizable headers to

prominently display news right within the Encore catalog. Due to security vulnerabilities and maintenance issues we have moved the Prospector News page from WordPress to Drupal.

This year the Alliance plans to purchase the WebPac Refresher service which will change the Classic WebPac, particularly the request form to better match the color and layout of Encore. This will bring WebPac Classic up to the latest implementation standards, improve usability and provide a more seamless flow between the two catalogs.

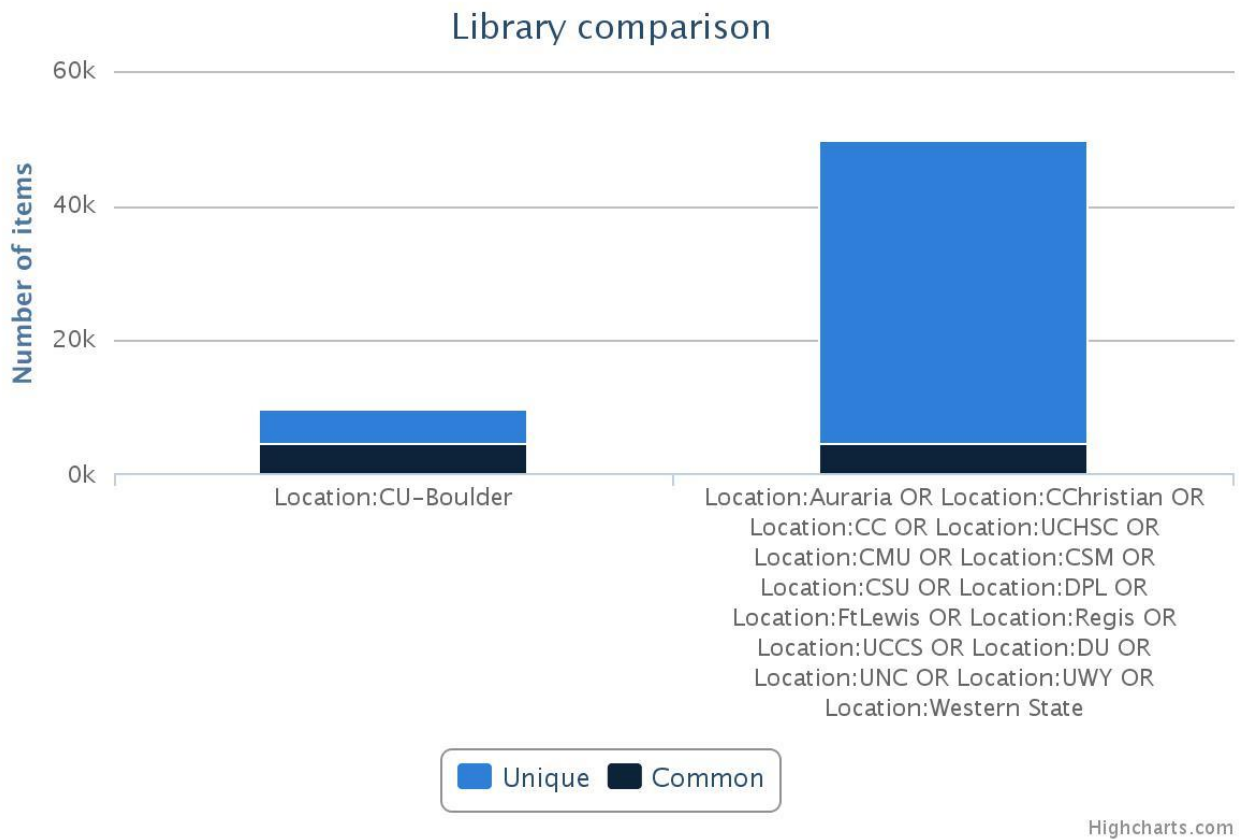## *Library Content Comparison System Update*

The Alliance has continued progress on the Gold Rush Library Catalog Comparison System, a tool that allows libraries to compare their library catalog to other library catalogs in the system. The impetus for this development is part of the *Alliance Shared Print Trust* among members of the Colorado Alliance of Research Libraries in which some libraries have made commitments to each other regarding the long term retention of print resources. These commitments will allow other libraries in the region to either weed materials or put lesser used printed materials in storage.

Over the course of the last year the software has added some new features.
- OCLC number searching
- Support for item level comparison
- Pop up description for 583 action note codes
- Ability to suppress unwanted action note codes
- Option to include match key in exports
- Better search performance with title and author indexes.
- Software optimization for improved record indexing speeds
- Continuous improvement of the match key for better grouping of individual MARC records

Any library in the Prospector system may load records into the system at no additional cost to their Prospector membership. Libraries that aren't members of the Alliance or Prospector may also participate but will pay an annual fee to have their records loaded. About 20 libraries in other states have loaded records into this software to assist in their regional analysis. Please contact the Alliance if your library would like to contribute records to the system. Catalog records need to be loaded as a direct extraction from your integrated library system (rather than taken from Prospector).

An analysis takes only seconds to run and data may be graphically viewed and records may be exported as MARC21, MARC XML or in a delimited format (for loading into Excel). Uses include weeding, collection overlap analysis, space estimates for building/remodeling programs, etc.

Library comparison

CU Boulder vs 15 other Colorado/Wyoming Libraries
Representing Call Number "T" within the last 5 years

Publish Your Library Catalog to the Web - Bibframe/Linked Data

The most recent project underway at the Colorado Alliance of Research Libraries is an initiative to publish library catalogs to the Web. Commercial endeavors for this have been promoted by Zepheira using Bibframe and Linked Data. The Alliance will use BIBFRAME 2.0 which provides a foundation for the future of bibliographic description, both on the web, and in the broader networked world. The project is a collaboration between the Colorado Alliance of Research Libraries with Colorado College to create software and a platform to publish and host bibliographic entities that can be indexed by Google and other search engines (Bing, Yahoo, etc.) so that a local library's holdings are accessible to local users when searching Web search engines.

Since search engines are geographically sensitive, users of search engines should see holdings from nearby local libraries with links back to their local discovery layer or catalog. Records will be enhanced with geographic metadata (e.g. latitude/longitude) and other elements and interlinked using Rich Data Format (RDF) triples to improve retrieval with the key search engines.

The advantage of doing this initiative at the Alliance is that it will be free to members of the Colorado Alliance of Research Libraries and the service and hosting will be offered to libraries outside of the Alliance at a very low cost making it much less expensive than commercial counterparts.

Libraries that have loaded bibliographic records into the Gold Rush Library Content Comparison System will be able to use that same tool to publish their bibliographic records to the Web. A library may publish their entire set of records or may use the software to tailor a specialized record set for publishing using virtually any characteristic of a MARC record including format, call number range, date range, etc. The software is ILS and discovery layer agnostic and can work if a library can extract a MARC21 record from virtually any brand of ILS including, but not limited to, Sierra (III), Millennium (III), Polaris (III), Alma (Ex Libris), Horizon (Sirsi/Dynix), Symphony (Sirsi/Dynix), etc. Users on the Web can be redirected back to their local catalog or discovery layer including Summon (ProQuest), Primo (ProQuest), EDS (EBSCO), Pika (Marmot), Encore (III), etc.

New Libraries and System Migrations

It has been a busy time for system migrations and additions to Prospector. DU, CSU Pueblo and Fort Collins switched local systems to ExLibris ALMA and are now fully reintegrated into Prospector through the DCB (direct consortial borrowing), which is a simplified Millennium system, hosted at the CO Alliance. Colorado School of Mines and CU Health Sciences Library, also ALMA libraries, plan to rejoin Prospector within the next year. The DCB, which connects disparate local systems to INN-Reach is where staff process circulation transactions that are then updated to Prospector. One of the strengths of the INN-Reach catalog is that even if libraries aren't using Innovative for their local system, can still fully participate in Prospector.
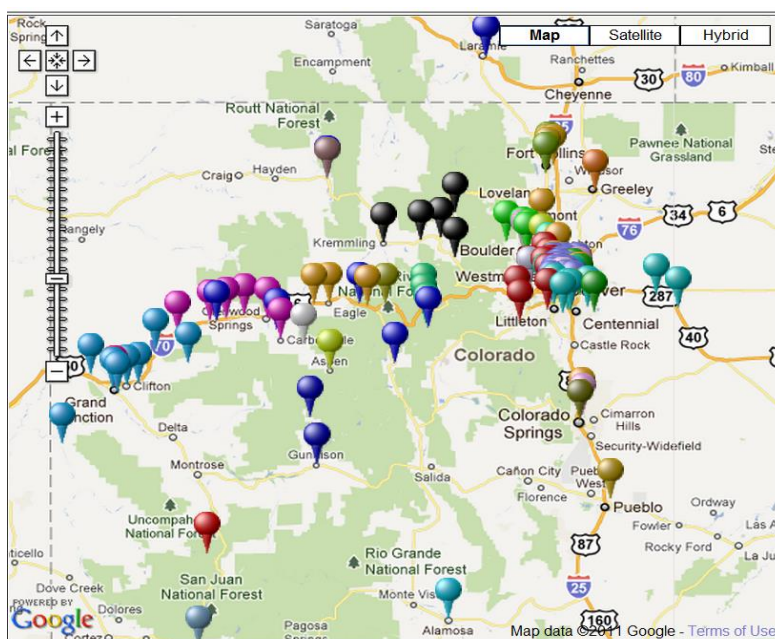
Four public libraries joined Prospector this year. Back in January, Lafayette Public Library joined Prospector by way of the Flatirons Consortium, a union catalog of 6 public libraries in the northern Front Range area. Anythink Public Library, which uses SirsiDynix for their local catalog, joined Prospector in April. Douglas Public Library, another SirsiDynix library came on board in July. High Plains Regional Library will be live in Prospector before the first of the year. The CO Alliance hosts non-Innovative libraries on a shared DCB server which resides at the Alliance. This is more economical for libraries and requires less maintenance on their part.

Denver Public Library is now up and running through a "direct to INN-Reach" API that Innovative released for Polaris about a year ago. This has improved the requesting experience for patrons, making it to easier track requests and DPL has a higher request fulfillment rate overall. Innovative has just released complete documentation of this API and is in talks with other ILS vendors about writing to the API.   The API is a very critical development as it will eliminate the need for DCB and NCIP and should make communication between systems much better.

Who is participating in Prospector?

Prospector has 46 academic, public and special libraries with over 100 pick-up locations (branches). It is the most widely used union catalog in the state representing virtually all of the major academic libraries (excluding community colleges and for-profits) and many public libraries.

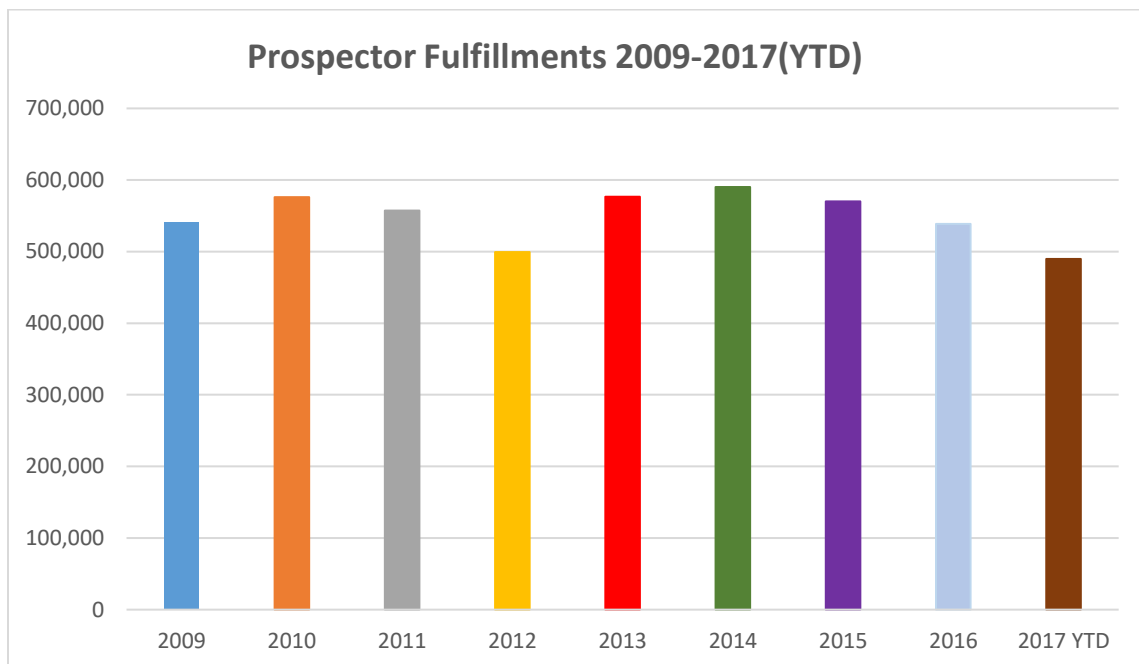**Prospector Map Showing Geographic Distribution of Libraries**

Prospector Libraries	
Adams State University	Gunnison County Public Libraries (Marmot)
Arapahoe Library District	Jefferson County Public Library
Auraria Library	Lafayette Public Library (FLC)
Aurora Public Library	Longmont Public Library (FLC)
Basalt Regional Library District (Marmot)	Louisville Public Library (FLC)
Broomfield Public Library (FLC)	Loveland Public Library (FLC)
Boulder Public Library (FLC)	Mesa County Libraries (Marmot)
Bud Werner Memorial Library (Marmot)	Pitkin County Library (Marmot)
Center for Research Libraries (lending only)	Poudre River Public Library District
Colorado Christian University (Marmot)	Regis University
Colorado College	Salida Regional Library (Marmot)
Colorado Mesa University (Marmot)	Summit County Library (Marmot)
Colorado Mountain College (Marmot)	Town of Vail Public Library (Marmot)
Colorado School of Mines*	University of Colorado at Boulder
Colorado State Publications	University of Colorado - Colorado Springs
Colorado State University	University of Colorado - Health Sciences Library*
Colorado State University-Pueblo	University of Colorado - Law Library
Denver Public Library	University of Denver
Douglas County Public Library	University of Denver Law Library
Eagle Valley Library District (Marmot)	University of Northern Colorado
Fort Lewis College (Marmot)	University of Wyoming
Garfield County Public Library District (Marmot)	Western State Colorado University (Marmot)
Grand County Library District (Marmot)	Wilkinson Public Library (Marmot)
High Plains Regional Library	

**Temporarily deactivated in Prospector for a system migration*
FLC-Flatirons Consortium

Prospector by the Numbers

Fulfillments for 2017 extend through the beginning of November. Fulfillments may be a bit lower this year since several libraries are migrating and unavailable in Prospector during this time.

Prospector Fulfillments 2009-2017(YTD)

Prospector Fulfillments by Library
November 1, 2016-October 31, 2017

Library	Ratio	Lends	Borrows
Arapahoe Library District	0.68	49,493	73,152
CU-Boulder	4.4	47,872	10,877
Poudre River Library	0.69	47,767	69,203
Jefferson County PL	0.4	45,860	113,456
Denver Public Library**	0.64	34,119	52,921
Univ. of Wyoming	7.16	26,921	3,759
Aurora Public Library	0.94	24,542	25,984
Longmont Public Library	1.81	18,206	10,046
Boulder Public Library	0.82	16,560	20,157
Regis University	4.42	12,929	2,928
UNC	3.13	11,995	3,833
Maime Dowd Library	1.83	10,660	5,828
Mesa County Public Library	0.73	10,196	14,061
Loveland Public Library	1.56	9,605	6,143
Bud Werner Library	4.45	9,416	2,117
UCCS	2.06	8,800	4,279
Auraria Library	1.22	8,344	6,853
Univ. of Denver	1.6	8,228	5,141
Anythink Libraries*	0.89	7,427	8,326
Garfield County Library	1.5	7,271	4,848
Louisville PL	1.04	6,315	6,084
Colorado College	1.3	6,139	4,731
Douglas County Libraries*	1.37	6,119	4,457
Eagle Valley Library	4.66	5,616	1,204
Pitkin County Library	6.48	5,588	862
Salida Regional Library	2.34	4,707	2,009
Summit County Library	3.68	4,517	1,228
Adams State Univ.	3.25	3,717	1,143
Wilkinson Library	4.85	3,632	749
CO Christian Univ.	3.39	3,521	1,040
Grand County Library	1.42	3,153	2,224
CO Mountain College	4.07	2,615	642
Colorado Mesa University	1.15	2,515	2,195

Lafayette PL*	2.23	2,371	1,065
Vail Public Library	7.21	2,330	323
CO State University*	2.21	2,312	1,045
Western Univ. Library	2.16	2,166	1,004
Fort Lewis College	0.78	1,947	2,481
Gunnison County Library	1.02	1,405	1,371
Basalt Regional Library	1.1	1,338	1,212
CU-Law Library	2.31	967	419
CSU-Pueblo*	2.37	384	162
CO State Publications	0.69	160	231
UC-Health Sciences*	0.93	25	27
Total		**489,770**	**481,820**

*Joined mid-year. New to Prospector or migration
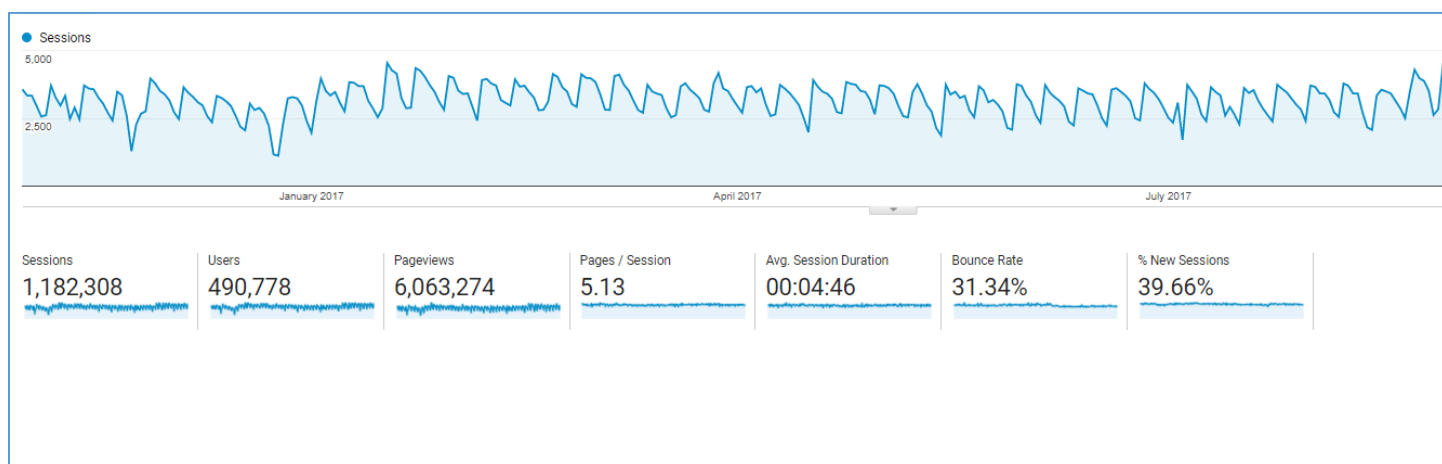**All holdings not loaded into Prospector for most of the year.

Prospector Quarterly Server Bib and Item Statistics
October, 2017

SITE	SITE CODE	TOTAL BIB RECS LOADED FROM SITE	UNIQUE TITLES HELD BY THIS LIBRARY	% SOLELY HELD OF OWN RECORDS	% SOLELY HELD OF UNIQUE	BIB RECS WITH HOLDINGS	ITEM RECORDS
TOTAL		**24,340,929**	**9,361,515**	**66.37%**	**100.00%**	**20,253,973**	**31,931,253**
UC BOULDER	9cubp	5,724,619	2,451,070	42.82%	100.00%	5,588,546	7,282,877
WYOMING	9uwyp	4,956,422	2,059,830	41.56%	84.04%	1,683,386	2,502,823
CO SHARED DCB*	codcb	3,097,409	1,023,535	33.04%	41.76%	3,063,321	5,867,676
CRL	cr0zz	1,503,060	1,431,379	95.23%	58.40%	1,428,413	3,083,348
MARMOT	9mscp	1,486,623	558,872	37.59%	22.80%	1,181,645	2,259,956
AURARIA	9aurp	1,369,143	315,260	23.03%	12.86%	1,368,368	1,479,468
UNC	9uncp	1,023,068	177,682	17.37%	7.25%	1,022,424	1,254,622
COLO COLLEGE	9cocp	971,379	200,042	20.59%	8.16%	970,125	1,032,370
UC COLO SPRINGS	9uccp	651,906	130,711	20.05%	5.33%	651,266	694,878
FLC	9bblp	598,886	179,595	29.99%	7.33%	511,015	966,616
REGIS	9rgsp	586,361	102,886	17.55%	4.20%	554,324	580,643
CSM	9csmp	491,406	105,073	21.38%	4.29%	482,741	695,765
DENVER PUBLIC	denvp	481,166	156,806	32.59%	6.40%	476,898	1,368,484
JEFF PUBLIC	9jcpp	339,970	95,608	28.12%	3.90%	336,789	883,571
BOULDER LAW	9culp	282,005	177,780	63.04%	7.25%	281,984	546,144
AURORA	9arrp	227,230	67,551	29.73%	2.76%	134,809	188,453
FORT COLLINS	9fcpp	208,954	40,703	19.48%	1.66%	197,058	375,178
ARAPAHOE	9arap	169,446	28,672	16.92%	1.17%	151,562	428649
HEALTH SCI	9hscp	126,166	55,382	43.90%	2.26%	123,949	294477
CO PUBLICATIONS	9cspu	45,043	2,484	5.51%	0.10%	45,004	144,609

*-DU, Anythink, Douglas, CSU-partial

Total Dedupped Bibs: 14,105,624

Google Analytics Dashboard Overview of Prospector
11/1/2016-10/31/2017

Google Analytics has been added to Prospector Encore, Prospector Classic and Prospector Mobile to look at overall system use. This table represents the combined use statistics for all three interfaces.

- 1,182,308 visits to Prospector (39% were unique visitors)
- 6,063,274 page views
- 5.13 page views per patron visit(Pages/Session)
- 4.46 minutes is the average time spent on the site
- 31% click into Prospector and immediately leave the site.

Peer to Peer connection with MOBIUS

The Peer-to-Peer project, which facilitates resource sharing through the Prospector and MOBIUS INN-Reach systems, has been in operation for just about three and a half years. Mobius has over 70 libraries mainly in Missouri, but also includes Tulsa Public Library in Oklahoma, Southwest Baptist Theological Seminary in Texas and West Des Moines Public Library in Iowa. Mobius has a line haul that runs from Kansas City to Des Moines and then from Des Moines to Davenport as part of the Iowa network of stops. They also have a direct line from Springfield, MO to Tulsa, OK and from there Tulsa handles materials going down to Ft. Worth, TX.

MOBIUS makes up less than 2% of the overall Prospector traffic and while that's not a large number, it still requires some amount of staff time. The largest lenders/borrowers in Prospector tend to do the most transactions with MOBIUS. It's anticipated that Denver Public Library will eventually participate in the Peer-to-Peer project after they connect directly to Prospector through an API. Peer-to-Peer software doesn't work with the DCB, so libraries connecting in this way aren't able to lend and borrow with MOBIUS.

Prospector –Mobius Transactions from Nov 2016-Oct 2017

Libraries that participate in the peer-to-peer connection and "had" transactions with MOBIUS

Owning (Lending) Site	Ratio L/B	Lends	Borrows
Adams State Univ.	4.30	48	24
Arapahoe Library District	0.73	1271	1745
Auraria Library	0.60	126	211
Aurora Public Library	0.41	384	926
Boulder Public Library	0.49	409	835
CO Christian Univ.	0.78	63	81
CO Mountain College	3.21	45	14
Colorado College	2.42	58	24
Colorado Mesa University	1.89	83	44
CU-Boulder	4.54	753	166
CU-Law Library	1.67	5	3
Fort Lewis College	N/A	0	23
Jefferson County PL	0.35	1437	4163
Longmont Public Library	1.17	573	490
Louisville PL	1.61	134	83
Loveland PL	2.77	227	82
Maime Dowd Library	1.62	227	140
Poudre River Library	0.56	886	1591
Regis University	1.54	86	56
UCCS	2.88	164	57
UNC	4.96	258	52
Univ. of Wyoming	47.33	710	15
Western Colorado State Univ.	15	15	0
Total	.74	**7,962**	**10,825**