



## Preparing Aleph for Migration to Alma (or other ILS)

Part 2: Acq, Circ, Patron data -- Jerry Specht, Ex Libris





*Brief Session Description:*

- \* What data to migrate
- \* Purging Aleph Acquisitions data
- \* Aleph Services for deleting Circ, Cash, and Patron data
- \* Preserving data which the vendor doesn't migrate.
- \* Alma upgrade overview for Acquisitions and Fulfillment



# Agenda

- 1** **What Data to Migrate**  
**Principles of Record Retention/Deletion**
- 2** **Purging Aleph Acquisitions data**
- 3** **Alma upgrade overview for Acquisitions**
- 4** **Preserving Acq data which vendor doesn't migrate**
- 5** **Aleph Services for deleting Cash and Patron records**

## Agenda (continued)

- 6. Alma upgrade overview for Fulfillment**
- 7. Preserving Circ data which the vendor doesn't migrate**
- 8. Relevant Salesforce/Mindtouch Articles**
- 9. Alma Migration Documents**
  - 9b. Alma Migration Documents – Consortia**
- 10. SUNYLA Virtual Conference on Alma Migration**

# Alma / Aleph “Cheat Sheet”

- [Alma / Aleph “Cheat Sheet”](#) .

We went over this in the earlier session, but I’ll just go over it quickly for those of you who weren’t at the earlier session.

# 1. What Data is Migrated / Not Migrated

- [Getting Ready for Alma and Discovery Implementation](#)
- [Aleph to Alma Migration Guide](#) (“Fulfillment” and “Acquisitions” sections)
  - “Areas/Fields Not In Scope” (Look at in detail in section #3 below)
- [Alma Migration Considerations for Consortia](#)
- The article [Which tables are index, temporary, and base tables?](#) may be helpful.

## 1 a. Principles of Record Retention/Deletion

*Note: The following is an excerpt from the [“Aleph Record Retention/Deletion” Powerpoint](#) from 2015 Technical Seminar.*

### **\*\* First Principle \*\***

In the case of inter-related records, the principle is "lowest level first", such as,

- first Hold requests (and loans?), Items, then HOLs, then Bibs;
- first budget transactions, invoice line items, claims, arrivals, then budgets, invoices, orders
- first Hold requests (and loans?), then Cash, then Patrons;
- first Bib, then Authority

## 2. Purging Aleph Acquisitions data

As described in the article, [Purging Aleph Acquisitions records](#), connections between Acq records are complicated; the last page (“Acquisitions”) of the “Aleph Record Relationships” document, included in the Sched documents for this session, shows these connections. **There are no Aleph Services for deleting Acquisitions records.** Also, the Acq records don’t take as much space as many other records.

As noted in the above article, the Z71 (Order, subscription and Invoice Log) records are relatively easily deletable with SQL, but they also are not included in the Alma conversion. This is discussed in section 5 below.}

[Getting Ready for Alma and Discovery Implementation.](#)

- [Annotated version of Appendix B](#) .



## 3a. Alma upgrade overview for Acquisitions --Vendor

### *-- Areas/Fields Not Scope*

- Vendor Country (Z70-COUNTRY). In Alma the country information is held as part of the addresses only (this information is migrated from the Aleph Z72-VENDOR-COUNTRY field).
- Vendor Material Type (Z70-MATERIAL-TYPE)
- Vendor Delivery (Z70-DELIVERY-TYPE-n)
- Vendor Delivery Delay (Z70-DELIVERY-DELAY-2 – 5)
- Vendor Order Delivery (Z70-DEFAULT-ORDER-DELIVERY)
- Templates and letters including: Z70-LE-LETTER-TYPE and Z70-LI-LETTER-TYPE. This includes send method details. The following fields will not currently be migrated: Z70-LE-SEND-METHOD and Z70-LI-SEND-METHOD.
- Vendor type (Z70-PROVIDER-TYPE). This information is not migrated to Alma; however, for Aleph versions higher than 18, the vendor is not migrated if the type is ILL.

## 3b. Alma upgrade overview for Acquisitions -- Budget

- **Budget (Fund) Migration**  
*-- Areas/Fields Not Scope*
  - Budget Department (Z76-DEPARTMENT)
  - Annual Budget check box information (Z76-ANNUAL).  
All Alma funds are annually managed.
  - Budget Group (Z76-SUB-KEY-1 – 5 – Reporting groups)

## 3c. Alma upgrade overview for Acquisitions -- Purchase Orders

- **Purchase Order Migration**

- *Areas/Fields Not Scope*

- Letter type (Z68-LETTER-TYPE)
- Order delivery type (Z68-ORDER-DELIVERY-TYPE)
- Send letter by (Z68-SEND-METHOD)
- Initiator ID (Z68-TARGET-ID)
- Initiator name (Z68-TARGET-TEXT)
- Action (Z68-TARGET-FLAG)
- Batch claiming (Z68-AUTO-CLAIM)
- Status date (Z68-ORDER-STATUS-DATE)
- Original claim date (Z68-ORIGINAL-EDA)
- Unit price (Z68-UNIT-PRICE)
- Total price (Z68-TOTAL-PRICE)
- List price (Z68-E-LISTED-PRICE)
- Local price (Z68-E-LOCAL-PRICE)
- Z68-ERM-TYPE
- Z68-ERM-ID
- Z20 (serial claims) or z501 (monographic claims)
- Z71 (Order, subscription and Invoice Log)

# 3d. Alma upgrade overview for Acquisitions -- Invoice

- **Invoice/Invoice line Migration**

- *Areas/Fields Not In Scope*

- **Invoice header:**

- Z77-CREDIT-DEBIT
      - Z77-I-CURRENCY-RATIO
      - Z77-I-REC-DATE
      - Z77-I-SHIP-DATE
      - Z77-I-NO-ITEMS
      - Z77-I-NET-AMOUNT (Net amount of invoice)
      - Z77-I-SHIP-AMOUNT (Added charges)
      - Z77-I-OVER-AMOUNT (Added charges)
      - Z77-I-INSU-AMOUNT (Added charges)
      - Z77-I-DISC-AMOUNT (Amount discounted)

- **Invoice line:**

- Z75-DOC-NUMBER
      - Z75-SEQUENCE
      - Z75-VENDOR-CODE
      - Z75-INVOICE-NUMBER
      - Z75-I-CREDIT-DEBIT
      - Z75-I-DATE-RANGE
      - Z75-I-NET-AMOUNT

## 4. Preserving Acq data which vendor doesn't migrate

In many cases the best way is to use SQL to output data from the table onto a spreadsheet. This process is described in the article [How to put SQL output into a spreadsheet](#) .

It's unclear just which of the “not-in-scope” data might justify this treatment, but certain z71 order log records are one type of data which several Aleph sites migrating to Alma felt they needed to preserve. This is described in the article, [Extracting order log information in moving to Alma](#) .

## 5. Aleph Services for deleting Cash and Patron records

- The **cir-23** service deletes patron records; **cir-77** does the same in a multi-ADM set-up. The **file-20** (Patron Loader) job has the option to specify "D" as the USER-REC-ACTION.
- See the following article in regard to running cir-23 (or cir-77): [Deleting/purging patron and cash records](#)  
The following articles should be considered in preparation:

[Batch deleting patrons who have hold requests or items which have hold requests](#)

[Batch deleting patrons or items with loans](#)

## 6a. Alma upgrade overview for Fulfillment -- Patron

### -- *Areas/Fields Not In Scope*

- Z303-PROXY-FOR-ID, Z303-PROXY-ID-TYPE, and Z303-PRIMARY-ID
- Patron Budget (Z303-BUDGET)
- Patron Profile ID (Z303-PROFILE-ID)
- Salutation (Z303-SALUTATION)
- Place of Birth (Z303-BIRTHPLACE)
- Data Export Consent (Z303-EXPORT-CONSENT)
- Title Request Limit (Z303-TITLE-REQ-LIMIT)
- Patron Loader Protected Fields (Z303-PLIF-MODIFICATION)
- Registration Date (Z305-REGISTRATION-DATE)
- ID verification information (Z308-VERIFICATION)
- ILL-related ILL Total Limit (Z303-ILL-TOTAL-LIMIT), and ILL Active Limit (Z303-ILL-ACTIVE-LIMIT)
- Shared User Patron Architecture
- Patron privileges/permissions, such as Photocopy Request, Hold Request, Renewal, and so forth (will be managed via configuration loader of fulfillment policies)
- Dispatch Library (Z303-DISPATCH-LIBRARY)
- Send All Letters to Patron (Z303-SEND-ALL-LETTERS)
- Mail Attachment (Z303-PLAIN-HTML)
- Patron Home Library (Z303-HOME-LIBRARY) – however, for multi-ADM libraries, this is used to determine the correct institution association in Alma

## 6a1. Evaluating patron IDs for choice of Alma primary patron ID

Each patron has a “Primary ID” in Alma. This article discusses that:

- [Evaluating patron IDs for choice of Alma primary patron ID](#)



## 6b. Alma upgrade overview for Fulfillment --Fines & Fees (Cash)

### *Areas/Fields Not In Scope*

- Transfer information (Z31-TRANSFER-DEPARTMENT, Z31-RECALL-TRANSFER-STATUS, Z31-RECALL-TRANSFER-DATE, and Z31-RECALL-TRANSFER-NUMBER)
- Item status, patron status, and sum default sensitivity will be configured via the configuration loader and will not be migrated.
- Payment information related to the following fields are currently not in scope: Z31-PAYMENT-CATALOGER, Z31-PAYMENT-TARGET, Z31-PAYMENT-IP, Z31-PAYMENT-RECEIPT-NUMBER, Z31-PAYMENT-MODE, and Z31-PAYMENT-IDENTIFIER.

## 6c. Alma upgrade overview for Fulfillment -- Loans

### *- Areas/Fields Not In Scope (Z36)*

- Z36-MATERIAL
- Z36-EFFECTIVE-DUE-DATE
- Z36-RETURNED-DATE
- Z36-RETURNED-HOUR
- Z36-ITEM-STATUS
- Z36-BOR-STATUS
- Z36-RETURN-CATALOGER-NAME
- Z36-RETURN-CATALOGER-IP
- Z36-NO-RENEWAL
- Z36-RENEW-CATALOGER-NAME
- Z36-RENEW-CATALOGER-IP
- Z36-RENEW-MODE
- Z36-BOR-TYPE
- Z36-NOTE-ALPHA
- Z36-RECALL-DATE
- Z36-LAST-RENEW-DATE
- Z36-PROCESS-STATUS
- Z36-LOAN-TYPE
- Z36-RECALL-TYPE

## 6c. Alma upgrade overview for Fulfillment – Loans (cont.)

-- z36, Not in scope, continued:

*Overdue notices:*

- Z36-LETTER-NUMBER
- Z36-LETTER-DATE

*Circulation desk:*

- Z36-LOAN-CATALOGER-IP

*Proxy patron ID:*

- Z36-PROXY-ID

*Booking requests:*

- Z36-RETURN-LOCATION
- Z36-RETURN-SUB-LOCATION
- Z36-SOURCE
- Z36-DELIVERY-TIME
- Z36-TAIL-TIME

## 6d. Alma upgrade overview for Fulfillment – Hold Requests

\* The hold **requests** that are already tied to a specific item and are on a hold shelf (or were in transit on their way to a specific library/hold shelf and are assumed to be on the hold shelf) are the ones that are migrated (Z37\_STATUS='S')

### *Areas/Fields Not In Scope*

- \* All requests which have not been filled.
- \* Request history (Z37H)
  - Z37-EXPAND
  - Z37-OPEN-HOUR
  - Z37-END-REQUEST-DATE
  - Z37-LETTER-STATUS
  - Z37-LETTER-DATE
  - Z37-ALPHA
  - Z37-PRINT-STATUS
  - Z37-REQUESTER-ID
  - Z37-CATALOGER-IP
  - Z37-HOLD-SEQUENCE
  - Z37-RECALL-TYPE
  - Z37-RUSH-REQUEST

## 6d. Alma upgrade overview for Fulfillment – Hold Requests (cont.)

*[Not in scope] (cont.)*

- Z37-FILTER-SUB-LIBRARY
- Z37-FILTER-ITEM-STATUS
- Z37-FILTER-PROCESS-STATUS
- Z37-FILTER-COLLECTION
- Z37-FILTER-COPY
- Z37-ENUMERATION-A
- Z37-ENUMERATION-B
- Z37-ENUMERATION-C
- Z37-CHRONOLOGICAL-I
- Z37-CHRONOLOGICAL-J
- Z37-CHRONOLOGICAL-K
- Z37-REQUEST-NUMBER
- Z37-GROUP-ID
- Z37-GROUP-SEQUENCE
- Z37-BALANCER-STATUS
- Z37-BALANCER-DATE
- Z37-REQUEST-IDENTIFIER

## 6e. Alma upgrade overview for Fulfillment – Course Reserves

- Courses in Alma group together one or more reading lists that list the BIB/Title level resources that are part of that reading list. Each course may be associated with a course department. Each course may have an optional section definition.
- Indicate from which XXX3X libraries to migrate bibliographic records. If you filled in this question, make sure to indicate the XXX3X library in section B (“List the BIB libraries you wish to migrate?”)

## 7. Preserving Circ data which the vendor doesn't migrate

In many cases the best way to use SQL to output data from the table onto a spreadsheet. This process is described in the article [How to put SQL output into a spreadsheet](#) .

## 8. Relevant Salesforce/MindTouch Articles

- [How to produce list of electronic resources in aleph for alma migration](#)
- [Evaluating patron IDs for choice of Alma primary patron ID](#)
- [How big should UNDOTBS1 be?](#) (One customer migrating to Alma found that the AutoExtract process required an increase.)
- [Aleph xxx50 library created as sublibrary in Alma](#)
- [How much disk space is required for the AutoExtract process during Ex Libris System to Alma migration?](#)
- [How long \(approx.\) does the AutoExtract process take during Aleph\(/Voyager\) to Alma migration?](#)
- [Aleph2Alma extract stuck in pending](#)

*A search for alma AND migration under the product Aleph in the Knowledge Center retrieves about 15 other articles.*



## 9. Alma Migration/Implementation Documents

- **Go to:** <https://knowledge.exlibrisgroup.com/Alma>
- **Product Documentation** » Alma Online Help (English) » **Getting Started** » Alma Topologies
- **Implementation and Migration** » **Implementation Guides** » [Getting Ready for Alma and Discovery](#)
  - [Appendix A – Fulfillment Simplification](#)
  - [Appendix B – Optional Data Preparations](#)
- **Implementation and Migration** » **Implementation Tutorials** » ...

*(continued on next page)*

## 9. Alma Migration/Implementation Documents (cont.)

Implementation and Migration » Migration Guides and Tutorials

» Electronic Systems Migrations »

[Electronic Resource Handling in Alma Migration ;](#)

[Migration of Physical to Electronic \(P2E\) Resources in Alma](#)

Implementation and Migration » Migration Guides and Tutorials

» ILS Migrations » Aleph

[Aleph to Alma AutoExtract Migration](#)

[Aleph to Alma Migration Guide](#)

[Aleph Migration Form Instructions](#)

## 9b. Alma Migration documents -- Consortia

- **Implementation and Migration** » **Migration Guides and Tutorials** » Consortia:
  - [Alma Migration Considerations for Consortia](#)
  - [Alma Migration – Combining or Separating Source Databases](#)
- **Product Documentation** » Alma Online Help (English) »
  - [Introduction to the Network Zone](#)
  - [Alma Topologies](#)

## 10. SUNYLA Virtual Conference on Alma Migration

In February, 2019, SUNYLA (SUNY Librarians Association) sponsored a virtual conference on migration to Alma. Recordings of the presentations can be found at <http://sunyla.org/sunyla-midwinter-2019/> .

(Note: Most of the presenters were *not* Aleph sites, so it is not specifically about Aleph-to-Alma migration.)

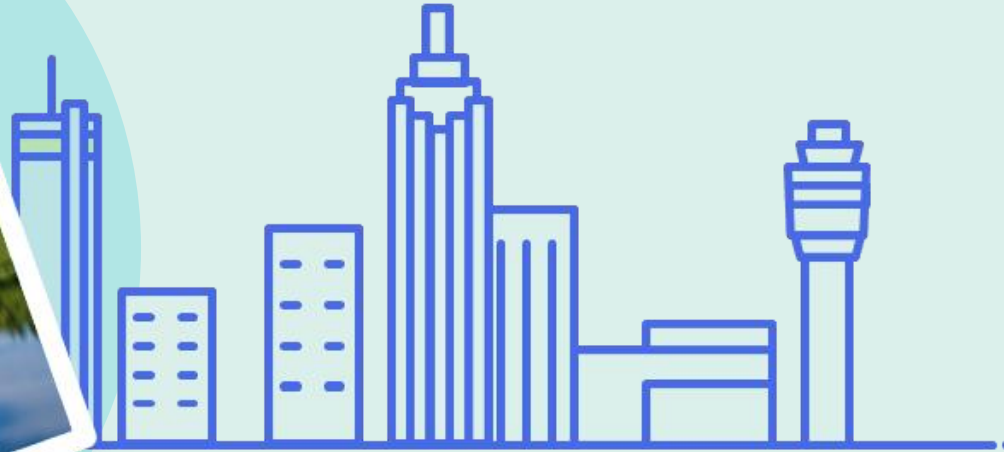
Q & A

**Any Questions?**



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THANK YOU!

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