



Alma Openness and External Integrations

Erez Shabo | Alma Product Owner



Our Vision of Openness



Strong, Feature-Rich Library Platform

Being open is all about listening and collaborating with the community, enabling them to simply do with no limitations

Being Open

Search under current path Alma

Home > Alma

- Product Documentation**
Access the latest documentation for Ex Libris products
- Best Practices and How-Tos**
Access a library of valuable how-toos, workflow best practices, and learn how to get the most out of Alma
- Release Notes**
Stay informed about the features and capabilities included in each product release
- Training**
Learn new skills and get certified with our tutorials, recorded training and other materials
- LibGuide**
An index of our most popular training materials, organized by functionality area, all on the familiar LibGuide platform.
- Community Knowledge**
Learn from other customers' experiences, access customer contributed articles and share your own expertise

Standards Support

Open Interoperability Standards

Open standards enable systems to interoperate and exchange data. Open standards, at their best, are well-defined and allow systems to work together without additional development. This type of 'integration by configuration' provides efficient ways for customers to meet their goals while minimizing investment in custom scripts and converters.



Ex Libris strives to implement support for standards which have been adopted by the industry. We also believe that members of an open community should contribute to the standards process, and our employees volunteer to take an active role in many organizations and standards bodies.

This "standards dashboard" provides an overview of Ex Libris's support for open standards in its flagship products and lists standards organizations in which Ex Libris staff actively contribute.

Comments on this page are welcome - please use the General Forum.

Ex Libris

Ex Libris Live API Dashboard

THE POWER OF CONNECTIVITY

2,171,291,023 API Calls

January 2022 - To Date

Use the power of open APIs to connect your library to the academic ecosystem to improve user experience, enhance efficiencies, and provide greater value to the academic institution. This live dashboard presents how the Ex Libris community uses Ex Libris APIs in real time.

Ex Libris Part of Clarivate

DEVELOPER NETWORK

- Learn Documentation
- Build My APIs
- Share Blog
- Ask Forum
- Discover App Center

Extend. Ex Libris.

Build your solutions with APIs, system integrations, and standards support.

Cloud Apps
Learn about the framework for building apps that run inside the Ex Libris platform

Main Library Department Acquisitions

Cloud App Center

Installed Apps Available Apps

- E-Collection Quick Update**
Easily update a list of e-collection records
- Hathitrust Availability**
Shows availability in Hathitrust for displayed records
- Cloud App Tutorials**
Accompanying code for the Cloud App tutorials in the Developer Network
- Role Toggler**
Quickly activate/deactivate a user's roles.
- Alma CSV User Load**
Load users from comma-separated file
- Invoice Line Tax Calculator**
Add tax to invoice lines
- Receive New Serial Items**
Quickly receive new serial issues

Organization Co
Select Library
Alma Unives
July 1 Wednesday
Closed

Quality Feedback

How to Benefit from Alma's Openness



COMMUNICATE & SHARE

Publishing
APIs



ENHANCE METADATA

External search
Import & copy
cataloging



EXPAND FUNCTIONALITIES

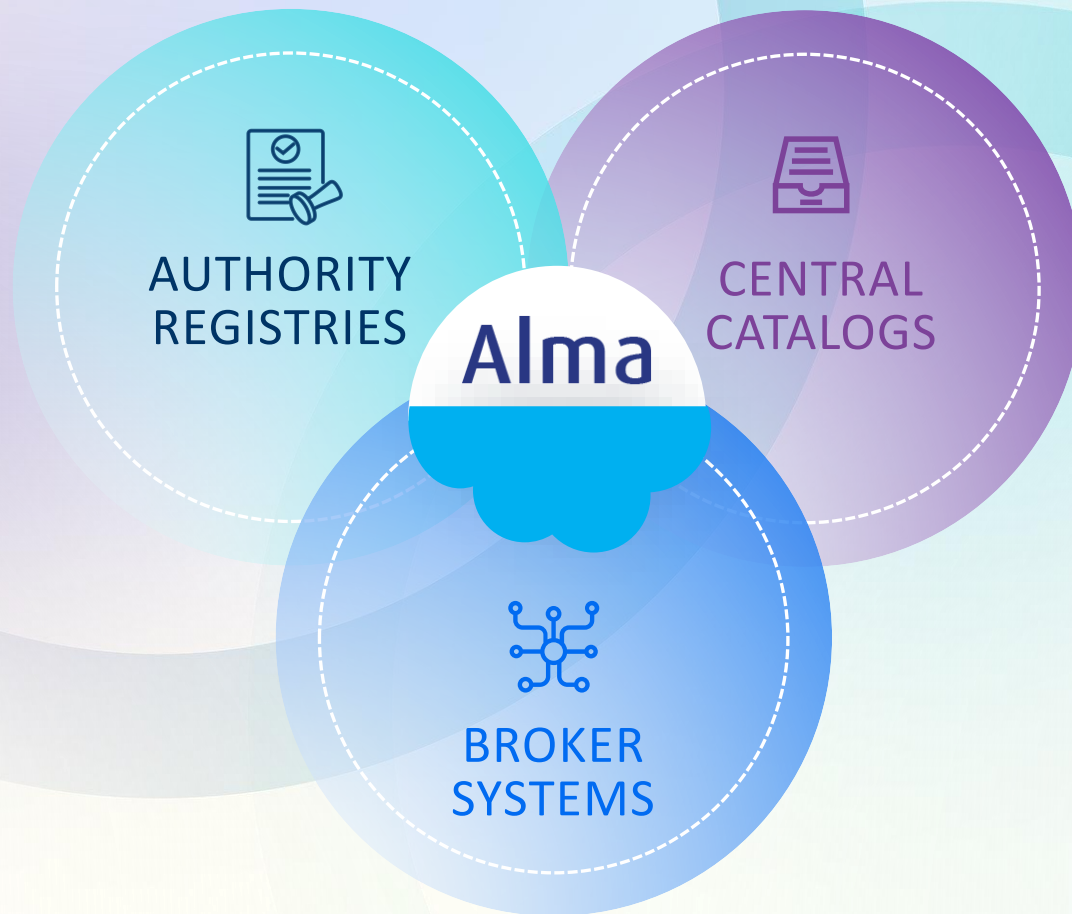
Cloud Apps



INTEGRATE & CONNECT

Integration with
external systems

The ABC's of Integration with External Systems

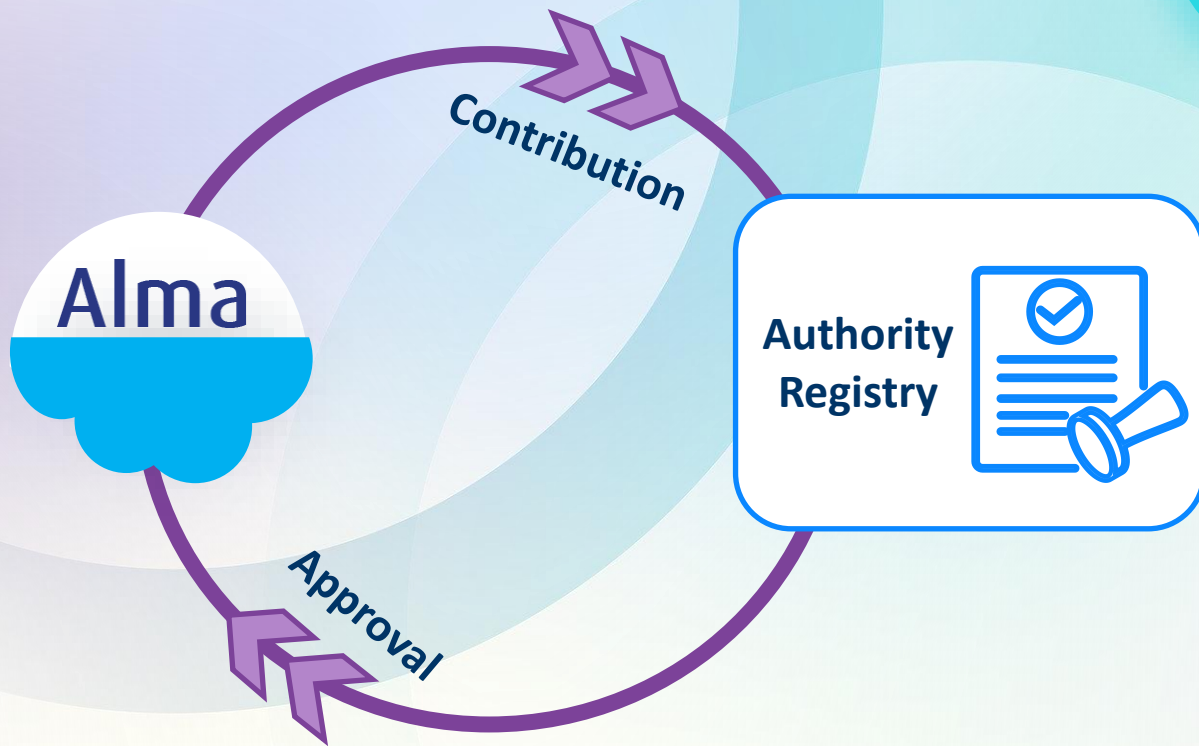


Authority Registries



- Many Authorities are maintained and managed in the Alma Community Zone by Ex Libris
- Unique Authorities are contributed by institutions to the Community Zone (BARE, GND, NLI)

Unique Authority Contribution



Broker Systems



- Resource sharing models in Alma: Peer-to-Peer vs. Broker systems
- Integrated broker systems :
 - **OCLC: ILLiad / Tipasa / WorldShare ILL** – NCIP (V2.0) / API
 - **RapidILL** – create borrowing/lending requests using the RapidILL API
 - **Relais D2D/ILL** – Z39.50 (OPAC) / NCIP (V2.0)
 - **INN-Reach** – sync resource sharing requests using INN-Reach API
 - **SLNP** – communication with the ZFL server for the resource sharing workflow in Germany
 - **NACSIS-ILL** – create borrowing and lending requests in NACSIS-ILL system
 - **NETPUNKT** – ILL services provided by the Danish Bibliographic Center

Central Catalogs



- SBN
- CALIS
- KERIS
- NACSIS-CAT



中国高等教育文献保障系统
China Academic Library & Information System

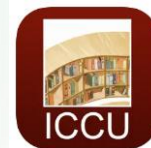


KERIS

KOREA EDUCATION AND RESEARCH
INFORMATION SERVICE



NACSIS-CAT/ILL



ExLibris
Part of Clarivate

Central Catalogs



- SBN - Italian Union Catalogue
 - Level 1: Search in central catalog within Alma
 - Level 2: Copy cataloging
 - Level 3: Contribution of Bibliographic/Authority records to SBN
 - Level 4: Alignment of changes to Alma

Level 1: Search in SBN within Alma



The screenshot displays the ExLibris Alma interface. At the top, the ExLibris logo is on the left, and navigation icons (home, search, user, notifications, Ex, help, chat, refresh, menu) are on the right. Below the header is a toolbar with options: Save, New, Record Actions, Editing Actions, Add Inventory, View Related Data, Order, Search & Browse, and Old Editor. The main area is titled 'Records List' and contains a 'Search Resources' dialog box. The dialog has two dropdown menus: 'Search Cataloging Profile' (set to 'SBN') and 'Search' (set to 'SBN Bibliographic Records'). A list of search criteria is shown with checkboxes: CercaDatiTit(1), CercaDatiTit(2), CercaDatiTit(3), CercaDocMusicaType, CercaDocGraficaType, CercaDocCartograficoType, CercaDocAudiovisivoType, CercaDocElettronicoType, ElementoAutLegato, and ArrivoLegame. At the bottom of the dialog are 'Clear' and 'Search' buttons. A vertical sidebar on the left contains icons for Alma QA, Acquisitions, Resources, Discovery, Fulfillment, Admin, Analytics, Hide MDE, and Configuration.

Level 1: Search in SBN within Alma



ExLibris

All titles | Keywords | Home | Search | None | 6 | Ex | ? | Chat | Refresh | More

Records List | Save | New | Record Actions | Editing Actions | Add Inventory | View Related Data | Order | Search & Browse | Old Editor

Search Resources

Search Cataloging Profile: SBN | Search: SBN Bibliographic Records

CercaDatiTit(1)

BID	<input type="text"/>				
NumSTD					
tipoStd	None	numeroStd	<input type="text"/>		
paeseStd	<input type="text"/>	notaStd	<input type="text"/>		
TitoloCerca					
stringa	<input type="text"/>				
titoloCLET	<input type="text"/>				
editoreKey	<input type="text"/>				
Tipo Ord	1 = BID				
TipoCerca	Moderno				
impronta (012)					
1a parte	<input type="text"/>	2a parte	<input type="text"/>	data+codice data	<input type="text"/>
nota	<input type="text"/>				
T140					
a 140 9	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

Hide MDE | Configuration

Level 2: Copy Cataloging from SBN



The screenshot displays the ExLibris Alma interface. On the left is a navigation sidebar with icons for Alma, Acquisitions, Resources, Discovery, Fulfillment, Admin, and Analytics. The main area is split into two panes: 'Search Resources' and 'Search Resources Results'.

Search Resources Pane:

- Search Cataloging: SBN
- Profile: CercaDatiTit(1)
- Form fields: BID, NumSTD, tipoStd (None), numeroStd, paeseStd, notaStd, TitoloCerca (stringa italy *), titoloCLET, editoreKey, Tipo Ord (1 = BID), TipoCerca (Moderno), Impronta (012) with sub-fields 1a, 2a, data+codice, and nota.

Search Resources Results Pane:

- Search: SBN(986)
- Records: 1 - 10 of 986 Records
- Page: 1 of 99
- Results list with 'View' and 'Import' buttons for each entry:

- Italy : a complete guide to 1,000 cities, towns landmarks, with 80 regional tours / Touring Club of Italy**
By *Touring *club *italiano (Book TCI, Milano, c1997)
Other System Number: (SBN)AQ10023954
- Italy : Agrigento to Novara / compiled by Paul Oskar Kristeller**
By Kristeller, Paul Oskar (Book The Warburg Institute : Brill, London Leiden, 1965)
Other System Number: (SBN)AQ10050079
- Italy and its monarchy / Denis Mack Smith**
By Mack Smith, Denis (Book Yale University Press, New Haven London, ©1989)
Other System Number: (SBN)BVE0001876
- Italy : a short history / Harry Hearder**
By Hearder, Harry (Book Cambridge University Press, Cambridge [etc.], 1990)
Other System Number: (SBN)BVE0003976
- Italy : a grand tour for the modern traveller / Charles FitzRoy**
By FitzRoy, Charles (Book Macmillan, London, 1991)
Other System Number: (SBN)BVE0009391

Level 3: Contribution of a Record to SBN



The screenshot shows the ExLibris interface. On the left is a dark sidebar with navigation icons for Alma, Acquisitions, Resources, Discovery, Fulfillment, Admin, Analytics, Hide MDE, and Configuration. The main area displays a list of records under the heading 'Italy : a complete guide to'. A 'Record Actions' dropdown menu is open, listing various actions such as 'Release Record', 'Duplicate Record', and 'Contribute Record to Central Catalog'. The 'Contribute Record to Central Catalog' option is highlighted with a red box. The background shows a record editor for 'Touring Club of Italy' with a search bar and a list of related records.

Level 4: Alignment of changes to Alma

Central Catalogs



- CALIS (China Academic Library & Information System)
 - Contribution of MARC21 or CNMARC bibliographic records
- KERIS (Korean Education Research Information Service)
 - Sharing of holdings information for ILL purposes
- NACSIS-CAT (Japanese central catalog)
 - Search and Copy Cataloging
 - Contribution of Bib/Auth records
 - View graphical representation of a record life cycle
 - Manage member information

NACISIS Cloud App: Search and Copy Cataloging



Welcome, Staff, Ex Libris (Staff, Ex Libris) | 2022/09/01

Recent Pages

- Monitor Jobs Administration
- Customer Parameters Administration
- Publishing Profiles Discovery

アイテム冊数 (12か月間)

Open in a new window

Tasks

- 1 Purchase Requests
- 1 Borrowing Requests
- 6 Lending Requests
- 1715 Order Lines
- 20 Invoices
- 40 Electronic Resources

NACISIS-CAT/ILL

This app includes all functionalities within NACISIS-CAT/ILL

- Holdings: NACISIS holding information management
- Catalog: Search and Copy cataloging NACISIS Bib/Auth records
- Members: NACISIS members information management
- ILL Request: NACISIS borrowing request creation

English | 日本語

NACISIS Cloud App: Search and Copy Cataloging



The screenshot displays the NACISIS Cloud App interface. The main window shows a welcome message for 'Staff, Ex Libris' and a navigation menu with 'Recent Pages' including 'Monitor Jobs', 'Customer Parameters', and 'Publishing Profiles'. A sidebar on the left lists 'Tasks' such as 'Purchase Requests', 'Borrowing Requests', 'Lending Requests', 'Order Lines', 'Invoices', and 'Electronic Resources'. A search results area shows 'アイテム冊数 (12か月間)' and 'Open in a new window'. A floating window titled 'NACISIS-CAT/ILL' is open on the right, showing search options for 'Monographs', 'Serials', and 'Names'. The 'TITLE' field is highlighted with a blue box and contains the text 'Japanese history'. Other search fields include FTITLE, PTBL, AUTH, VOL, AKEY, PUB, YEAR, PLACE, CNTRY, LANG, SH, and ID.

NACISIS Cloud App: Search and Copy Cataloging



The screenshot displays the NACISIS Cloud App interface. The main header shows 'Welcome, Staff, Ex Libris (Staff, Ex Libris)' and the date '2022/09/01'. Below the header, there are navigation tabs for 'Recent Pages', 'Monitor Jobs Administration', 'Customer Parameters Administration', and 'Publishing Profiles Discovery'. The main content area is divided into two sections: 'アイテム冊数 (12か月間)' (Item count (12 months)) and 'Tasks'. The 'Tasks' section lists various requests: 1 Purchase Requests, 1 Borrowing Requests, 6 Lending Requests, 1719 Order Lines, 20 Invoices, and 40 Electronic Resources. On the right side, a search results window is open, showing a search for 'Papers on Portuguese, Dutch, and Jesuit influences in 16th- and 17th-century Japan'. The search results are displayed in a list format, with the first result highlighted. The search results window includes a search bar, a 'Back to menu' button, and a 'Search' button. The search results are filtered by 'Monographs' and show 2023 records. The first record is 'Papers on Portuguese, Dutch, and Jesuit influences in 16th- and 17th-century Japan: writings of Charles Ralph Boxer / compiled by Michael Moscato'. The record details include the author 'By Boxer, C. R. (Charles Ralph), 1904-', the publisher 'University Publications of America', the year 'eng : 1979', the NACISIS ID 'BA00120990', the ISBN '0890932557', the series 'Japan studies. Studies in Japanese history and civilization', and the subjects 'Japan -- Civilization -- Occidental influences', 'Japan -- Relations -- Europe - Addresses, essays, lectures', and 'Europe -- Relations -- Japan - Addresses, essays, lectures and others'. The search results window also includes a 'Back to App List' button and a language selector at the bottom.

NACSIS Cloud App: Search and Copy Cataloging



Navigation: All titles | Keywords | Home | Search | 系列数据库 - Main Desk | User | Logout | Help | Refresh | Home | Settings

Back to App List

NACSIS-CAT/ILL

Back to menu | Clear | Search

Search records in NACSIS central catalog

Monographs | Serials | Names | Uniform Titles

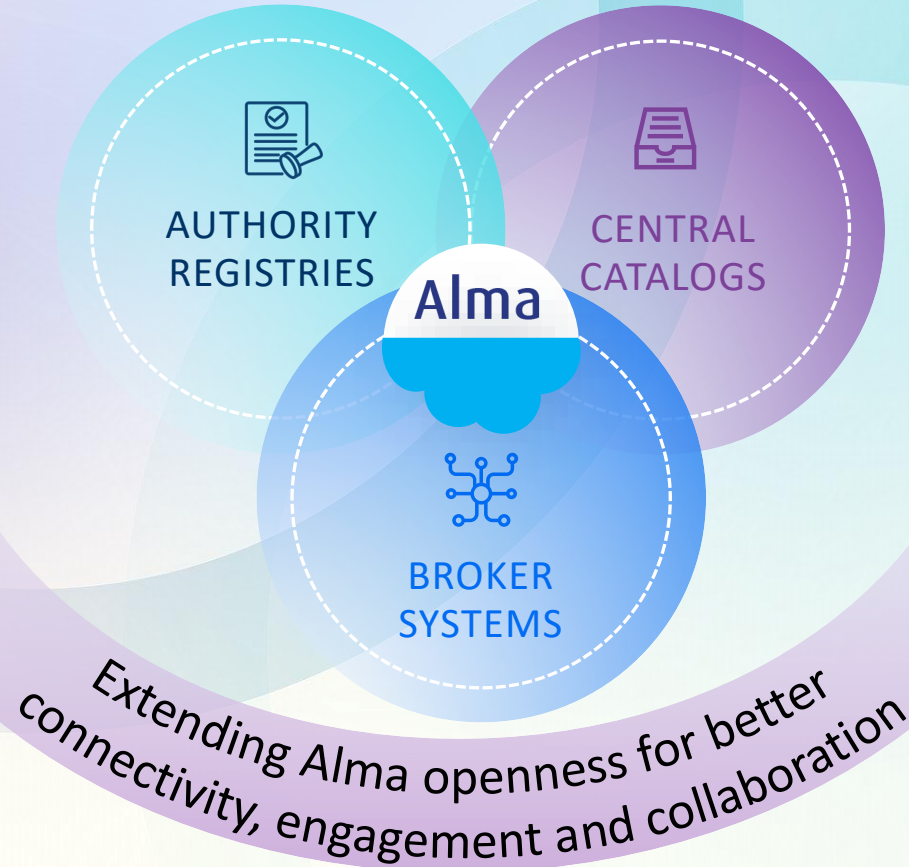
Refine Search

Records (2023)

- 1 Papers on Portuguese, Dutch, and Jesuit influences in 16th- and 17th-century Japan : writings of Charles Ralph Boxer / compiled by Michael Moscato** ...
By Boxer, C. R. (Charles Ralph), 1904- (Book University Publications of America, eng ; 1979)
NACSIS ID: BA00120990
ISBN: 0890932557
Series title: Japan studies; Studies in Japanese history and civilization
Subjects: Japan -- Civilization -- Occidental influences
Japan -- Relations -- Europe -- Addresses, essays, lectures
Europe -- Relations -- Japan -- Addresses, essays, lectures and others
View
Import
View Holdings
- 2 Imperial cities : the capitals of Japan from the oldest times until 1229 / writings of Richard A. Ponsoy-Fane ; compiled by Michael Moscato** ...
By Ponsoy-Fane, Richard Arthur Brabazon, 1878-1937 (Book University Publications of America, eng ; 1979)
NACSIS ID: BA00121111
ISBN: 0890932614
Series title: Japan studies; Studies in Japanese history and civilization
Subjects: Palaces -- Japan -- History
Cities and towns -- Japan -- History
Japan -- History -- To 1333 and others
- 3 The Japanese automobile industry : technology and management at Nissan and Toyota / Michael A. Cusumano** ...
By Cusumano, Michael A., 1954- (Book Council on East Asian Studies, Harvard University : Distributed by the Harvard University Press, eng ; 1985 - : pbk.)
NACSIS ID: BA00156193

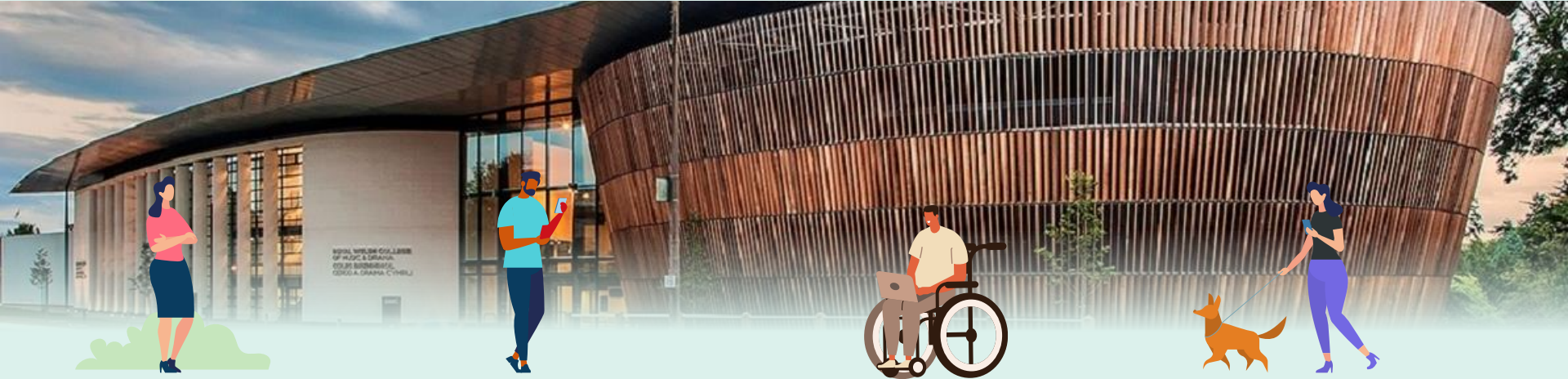
English | 日本語

The ABC's of Integration with External Systems





Q & A



Thank you!

Erez.Shabo@Clarivate.com

