Informatica® Cloud Data Integration
April 2024

Business 360 FEP Connector

Informatica Cloud Data Integration Business 360 FEP Connector
April 2024
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Preface

Use the *Business 360 FEP Connector* to learn how to write data to Business 360 data store by using Cloud Data Integration. Learn to create a Business 360 FEP connection, develop, and run mappings in Cloud Data Integration.

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Informatica Intelligent Cloud Services web site

You can access the Informatica Intelligent Cloud Services web site at http://www.informatica.com/cloud. This site contains information about Informatica Cloud integration services.

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You can contact a Global Support Center through the Informatica Network or by telephone.

To find online support resources on the Informatica Network, click **Contact Support** in the Informatica Intelligent Cloud Services Help menu to go to the **Cloud Support** page. The **Cloud Support** page includes system status information and community discussions. Log in to Informatica Network and click **Need Help** to find additional resources and to contact Informatica Global Customer Support through email.

The telephone numbers for Informatica Global Customer Support are available from the Informatica web site at https://www.informatica.com/services-and-training/support-services/contact-us.html.

CHAPTER 1

Business 360 FEP Connector

Use Business 360 Flat End Point (FEP) Connector to connect to Business 360 data store from Cloud Data Integration and securely write data to the Business 360 data store. You can create a Business 360 FEP connection and use the connection in mappings. When you run the mapping, Business 360 FEP connector writes data to specific root fields, fields in a field group, and dynamic fields in the Business 360 data store.

Note: Effective in the October 2023 release, dynamic fields are available for preview.

Preview functionality is supported for evaluation purposes but is unwarranted and is not supported in production environments or any environment that you plan to push to production. Informatica intends to include the preview functionality in an upcoming release for production use, but might choose not to in accordance with changing market or technical circumstances. For more information, contact Informatica Global Customer Support.

Use Business 360 FEP Connector to create part of an asset data. To create complete asset data, create multiple mappings using the Business 360 FEP Connection and use those mappings in the taskflow for ingress. To create and update the complete data of an asset using single mapping in a taskflow, use the Business 360 Connector . For more information about the Business 360 Connector, see the *Business 360 Connector* help.

For more information about solutions that use Business 360 data store, see the following website:

https://www.informatica.com/products/master-data-management/customer-360-saas.html.

Business 360 FEP Connector task and object types

When you create a Business 360 FEP connection, you can select objects that Business 360 FEP Connector supports. Business 360 FEP Connector supports only the mapping task type.

You can use Business 360 FEP Connector to export or import the following assets to the MDM SaaS data store:

- Business entities
- Relationships
- Hierarchies

Based on the assets you select, you can view the list of objects related to the selected assets. You can also select custom assets.

Note: Ensure that you have the license for your business application.

Administration of Business 360 FEP Connector

Before you create or use a Business 360 FEP connection, enable the Business 360 FEP Connector license.

1. Log in to Informatica Intelligent Cloud Services with your administrator credentials.
2. Select **Administrator** from the **My Services** page.
3. Click **Organization > Sub-Organizations**.
4. Select the sub-organization for which you want to enable the Business 360 FEP Connector.
5. Click **Licenses**.
6. In the **Editions** section, enable license for the Business 360 FEP Connector.

Note: Business 360 FEP Connector is included in the Intelligent Components for Business 360 license package. You cannot create or access a Business 360 FEP connection if license is not enabled.

CHAPTER 2

Business 360 FEP connections

Create a Business 360 FEP connection to read data from or write data to the MDM SaaS data store. You can use the Business 360 FEP connection in a Source transformation to read data and in a Target transformation to write data.

You can create a Business 360 FEP connection on the Connections page and use the connection in the Mapping Designer to create a mapping.

Business 360 FEP connection properties

When you create the Business 360 FEP connection, you must configure the connection properties.

The following table describes the Business 360 FEP connection properties:

Property	Description
Connection Name	The name of the connection. The name is not case sensitive and must be unique within the domain. You can change this property after you create the connection. The name cannot exceed 100 characters, contain spaces, or contain the following special characters:~ ` ! $ % ^ & * ( ) - + = { [}] | \ : ; " ' < , > . ? /
Description	Optional. The description of the connection. The description cannot exceed 4,000 characters.
Type	The connection type. Select **Business 360 FEP Connector**.
Runtime Environment	The name of the runtime environment where you want to run the mappings. Select a Secure Agent. **Note:** Ensure that you don't select a Hosted Agent or serverless runtime environment when you create a Business 360 connection.
Runtime Parameter	A system-generated job instance ID to process the ingress jobs. **Note:** Ensure that you do not modify this attribute.

CHAPTER 3

Mappings with the Business 360 FEP connection

Use the Cloud Data Integration Mapping Designer to create a mapping. When you create a mapping, you can configure Source or Target transformations to represent sections of records by using a Business 360 FEP connection.

To create or update the complete data of an asset, use the Business 360 Connector. For more information about the Business 360 Connector, see the *Business 360 Connector* help.

Source transformations in mappings

In a mapping, you can configure a Source transformation to represent the MDM SaaS assets in the MDM SaaS data store. If you want to read data from an MDM SaaS asset, use a Business 360 FEP connection.

Business 360 FEP Connector supports the following assets:

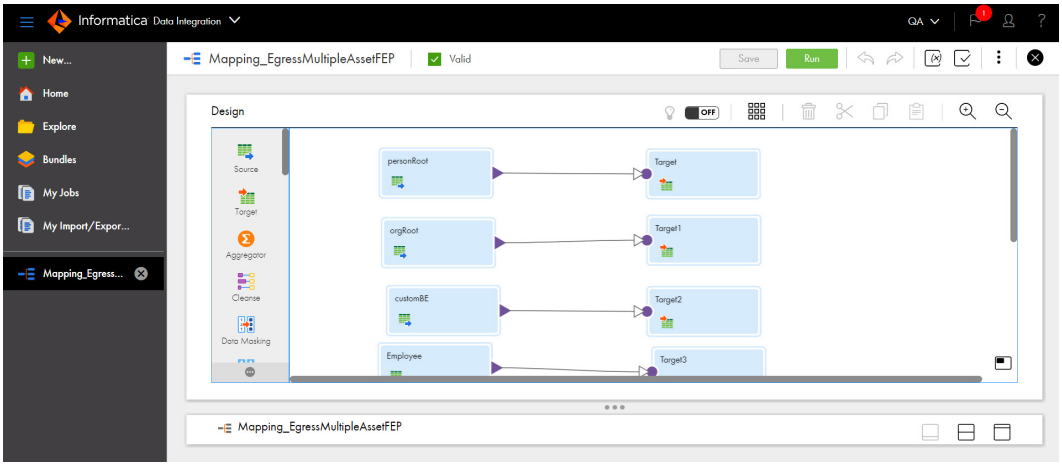
- Business entities
- Relationships
- Hierarchies

When you egress data from a business entity, you can egress data from all root fields and field groups.

Note: You can't use Business 360 FEP Connector to egress data from the dynamic fields.

To egress data by using a Business 360 FEP connection, you can use multiple mapping or use multiple data flows in a single mapping. You can add the mappings to a taskflow and then add the taskflow to an egress job.

The following image shows multiple data flows added to a single mapping:



The following table describes the Business 360 FEP connection properties that you can configure in a Source transformation:

Property	Description
Name	Enter the source name.
Description	Enter a description for the source.
Connection	Choose a Business 360 FEP connection to read data from the MDM SaaS data store.
Source Type	Type of the source object. Select **Single Object**.
Object	Select the asset from which you want to read data.
Fields	View all the fields. You can edit the metadata of the listed fields. **Note:** When you export a master record with multiple source records, the value of the **mergedBusinessId** field might be longer than 255. To view the complete field value in the exported files, increase the length of the **mergedBusinessId** field to a higher value. The default length is 255 characters. You can set up to 30000 characters.
Partitions	Type of partitioning method that you can use to optimize the performance of mapping tasks. The supported method is **Fixed**.

Source transformation mapping example

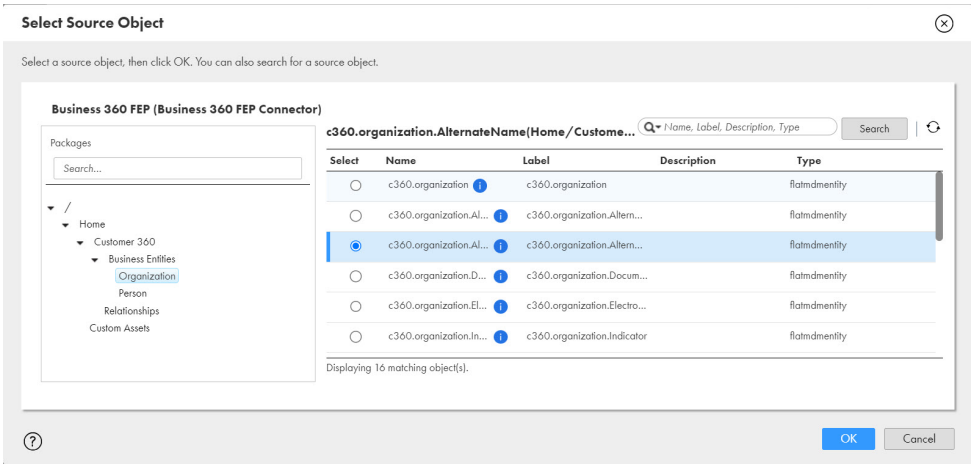
An organization wants to load the home addresses of customers from Customer 360 to an analytic application. Use Business 360 FEP Connector to read home addresses from Customer 360 and load the data to the analytic application.

1. Create a Business 360 FEP connection.
2. Create a connection to an analytic application.
3. Create a mapping.
4. Add a Source transformation, and specify a name and description in the general properties.

5. On the **Source** tab, perform the following steps:
   a. In the **Connection** field, select the Business 360 FEP connection.
   b. In the **Source Type** field, select **Single Object**.
   c. In the **Object** field, select a source object from which you want to read data.
   d. To view the list of supported business applications, in the left pane, select **Home**.
   e. To view the list of available assets, select the asset type under an application.

      For example, if you select **Customer 360** > **Business Entities** > **Organization** in the left pane, you can view the root fields and field groups in the right pane from which you can select the required source object.

      The following image shows the Alternate Identifier field group as selected object:



   f. To view the list of custom assets, in the left pane, expand **Custom Assets**, and select an asset type.

      The custom assets are grouped based on the asset type.

      The list of custom assets appears in the left pane. If you choose a custom business entity, you can view the root fields and field groups of the selected custom business entity in the right pane.

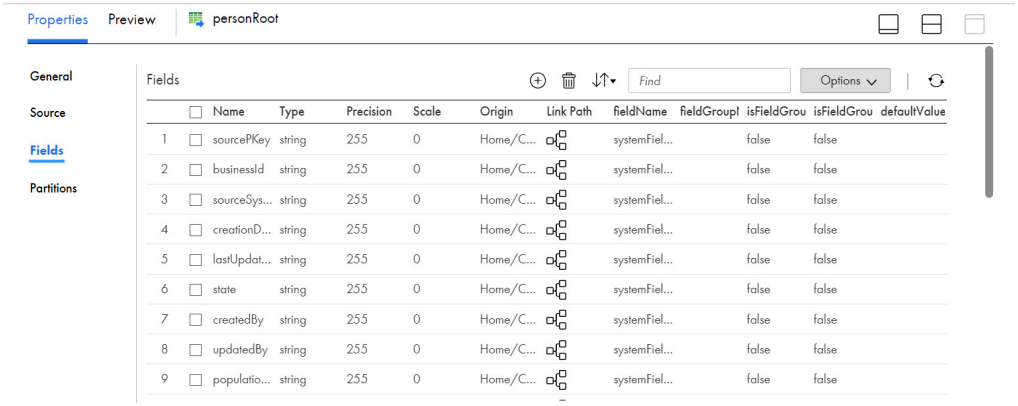
      Note: If you change the name of the business entity or delete it in Business 360 Console, the existing mappings with references to that business entity fails when you run the mapping.

6. On the **Fields** tab, select the fields that you want to map to the output fields.

   Ensure that the name of a field doesn't exceed 48 characters. By default, the mapping adds up to 27 additional characters as suffixes to the names of each field that you map in a hierarchy. If the total character count, including the suffix added to the field names, exceeds 75 characters, you can't export their values using an egress job. If you export their values, the egress job fails. The mapping doesn't add suffixes to the names of the fields that you map in business entities and relationships.

   Note: Business 360 FEP Connector identifies only 1 and 0 as boolean values. When you map source fields that contain boolean values, Business 360 FEP Connector processes them as 1 and 0. Additionally, when you map the date and time fields to the target fields and run the mapping, the Secure Agent host machine time zone appears by default.

   The following image shows the list of fields available for the selected source object:



Additionally, you can map the following system fields if you want to export their values using an egress job:

- BusinessId. Contains the unique ID of an existing master record.
- sourceLastUpdate. Contains the last updated date of a root field or field group.
- matchMergeState. Contains the match and merge status of a source record.
- populationName. Contains the name of populations. You can specify multiple populations for the records that you ingress. For more information about population, see Default Population in the Business 360 Console help.
- validationStaus. Contains the validation statuses of records, such as passed, failed, and pending.

  Note: Effective in the May 2023 release, the validationStatus field is available for preview.

  Preview functionality is supported for evaluation purposes but is unwarranted and is not supported in production environments or any environment that you plan to push to production. Informatica intends to include the preview functionality in an upcoming release for production use, but might choose not to in accordance with changing market or technical circumstances. For more information, contact Informatica Global Customer Support.

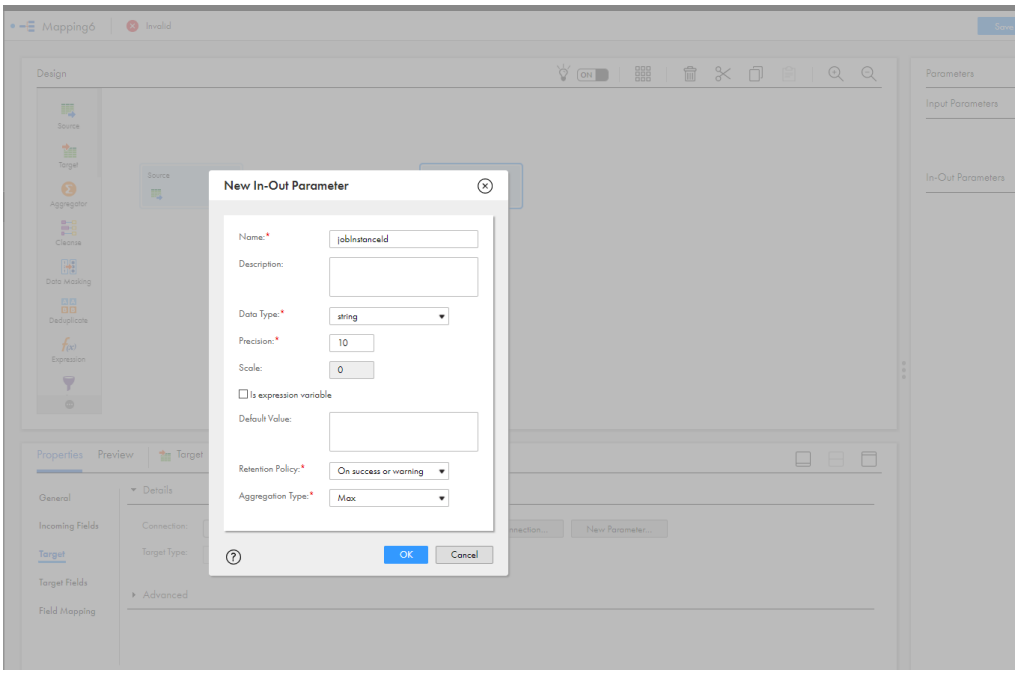
Note: Before you include the system fields on the **Fields** tab, review and upgrade the business applications to the latest version in Business 360 Console. For more information about reviewing and upgrading the business applications in Business 360 Console, see Upgrade in the Business 360 Console help.

7. On the **Partitions** tab, select **Fixed**.

   Note: You can't use the **Key Range** partitioning method to optimize the performance of the mappings in the taskflow. For more information about fixed partitions, see *Partitions* in the Data Integration help.

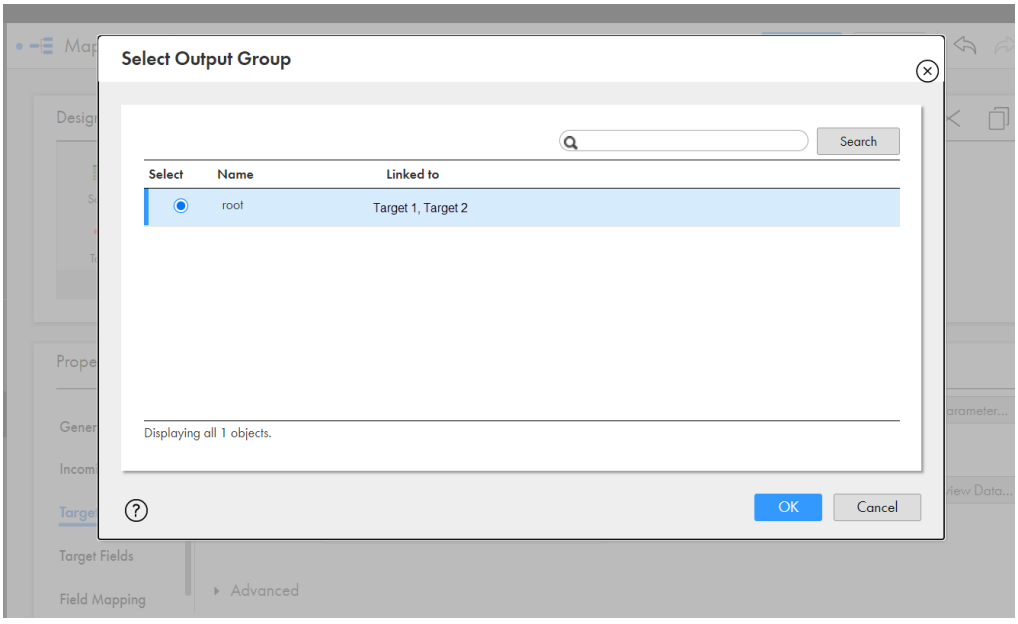
8. Add a Target transformation, and specify the name and description in the general properties.
9. Select the connection to the analytical application.
10. Go to **Target > Parameters Panel > Input-Output Parameters**, and create the jobInstanceId parameter.

    The input-output parameter is internally mapped to the job instance ID. When you run an ingress or egress job, Cloud Application Integration process passes the job instance ID to the input-output parameter in Cloud Data Integration. Based on the defined taskflows, the job runs. If you don't define the input-output parameter for the Target transformation in Cloud Data Integration, the job fails.
    The following image shows the input-output parameter dialog box:



11. Draw links to connect the Source transformation to the Target transformation.

    The following image shows the **Select Output Group** dialog box where you select the output group to write data to the target:



    Note: You cannot modify the targets from the mapped output groups. Instead, you can delink the source from the target and relink.

12. Save the mapping.

Target transformation in mappings

In a mapping, you can configure a Target transformation to represent MDM SaaS assets. If you want to write data to part of an asset data in Business 360, use a Business 360 FEP connection.

The following table describes the properties of a Target transformation that uses the Business 360 FEP connection:

Property	Description
Name	Enter the target name.
Description	Enter a description for the target.
Incoming Fields	Lists all the incoming fields from the Source transformation. You can set field rules and rename the fields.
Connection	Choose a Business 360 FEP connection to write data to specific set of fields within the MDM SaaS assets.
Target Type	Type of the target object. Select **Single Object**.
Object	Select the asset and its object to which you want to write data. For example, you can choose to write data to root fields or fields of a field group in a business entity.
Operation	Choose the type of operation that you want to perform. You can select one of the following operations: - Insert. Adds new records and overwrites all the field values of existing records. - Update. Updates field values in record sections. To update any root field value or field values in field group entries, ensure that you select the update operation for the target transformation of the root field and the field group entry. If you want to add a new field group, you can specify the update operation for the target transformation of the root field and the field group. - Upsert (Update or Insert). Adds new records and overwrites all the field values of existing records. When you specify the upsert operation, ensure that you map all the fields. If you map only the fields that you want to update, the upsert operation updates the specified field values and sets the other field values to null. - Delete. Deletes field group entries in record sections. **Note:** You can't use the delete operation type to delete any root field values of a record. If you want to delete a specific root field value, ensure that you don't pass the value of that particular field. You can't use the delete operation to delete the hierarchy and relationship records. **Note:** The **Restore Deleted Records** option in the **Advanced** section is reserved for future use.

Property	Description
Target Fields	Lists all the target fields based on the selected object. You can add fields, delete fields, and edit metadata of the fields.

Field Mapping	View all the input fields and target fields. Drag the fields to map them. Optionally, you can use the Smart Map and Automap options. For more information about these options, see the *Informatica Cloud Data Integration* help.
	When you create a mapping to ingress data to a dynamic field definitions attribute, map the following target fields:
	- **DynamicFieldTemplate**. Internal ID of a field in the dynamic pool.
	- **Mandatory**. Indicates whether the field is required. To set the field as a required field, set the value to 1. Otherwise, set it to 0.
	- **InheritanceMode**. Indicates whether the related records inherit dynamic field definitions from parent records. Default is PASS. Set the value to one of the following modes:
	  - NONE. The related records won't inherit dynamic field definitions.
	  - START. The related records inherit dynamic field definitions. Any changes to the dynamic field definitions are inherited by the related records.
	  - PASS. The related records inherit dynamic field definitions from parent records.
	  - STOP. The related records has inherited the dynamic field definitions previously from parent records. Any changes to the dynamic field definitions aren't inherited by the related records.
	  - DISABLED. The related records won't inherit dynamic field definitions. The dynamic field definition is not available.
	- **ParentId**. Source primary key of the record to which you add the dynamic field definition.
	- **SourcePKey**. Unique identifier of the dynamic field definition that you add to the record.
	After you ingress data to a dynamic fields definition attribute, ensure that you run the process hierarchies job to index records and to process the inheritance of dynamic field definitions within a searchable hierarchy.
	For more information about dynamic field definitions and process hierarchies jobs, see the *Business 360 Console* help.
	When you create a mapping to ingress data to dynamic field values attributes, map the following target fields:
	- **ParentId**. Source primary key of the record that you add the dynamic field values to.
	- **Identifier**. Path to the dynamic field. The identifier is separated by a period (.) for fields within the nested field group. To locate an identifier within the dynamic pool, you can use the internal ID of the field.
	- **Value**. Value of the dynamic field.
	- **SourcePKey**. Unique identifier of field groups and nested field groups.
	- **ParentSourcePKey**. Unique identifier of the nested field group. For root fields and parent field groups, the value is empty.

The following table lists examples of target fields used to ingress dynamic field values:

Identifier	Value	SourcePKey	ParentSourcePKey	ParentId
cooking_instructions	Boil Water, add salt, cook for 6 minutes			BorgesPenne
pasta_shape	Penne			BorgesPenne
color	High Risk Red			Retaliate2
size	10.5			Retaliate2
camera		mainCamera		myPhone20
camera.resolution		mainCameraSuperResolution	mainCamera	myPhone20
camera.resolution.resolution_value	48.0		mainCameraSuperResolution	myPhone20
camera.resolution.resolution_unit	MP		mainCameraSuperResolution	myPhone20

Note: Effective in the October 2023 release, dynamic fields are available for preview.

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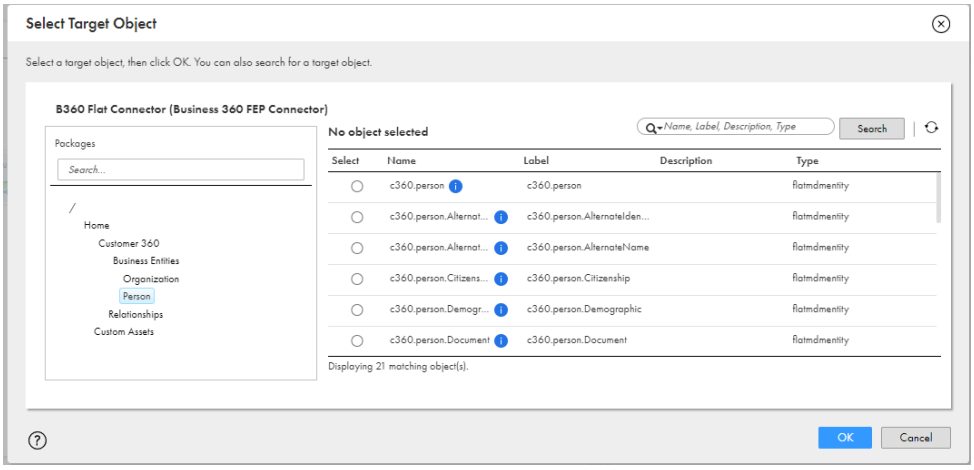
Target transformation mapping example

An organization uses Salesforce to manage customer data. To master the customer data, the organization wants to load the customer data to the MDM SaaS data store. Use the Business 360 FEP Connector to read data from Salesforce and write data to the MDM SaaS data store.

1. Create a Business 360 FEP connection.
2. Create a connection.
3. Create a mapping.
4. Add a Source transformation, and specify a name and description in the general properties.
5. Select the connection to the Salesforce application.
6. On the **Target** tab, perform the following steps:
    a. In the **Connection** field, select the Business 360 FEP connection.
    b. In the **Source Type** field, select **Single Object**.

c. In the **Objects** field, select the target object to which you want to write data.

The following image shows the target assets:



d. In the **Operations** field, select the type of operation that you want to perform.

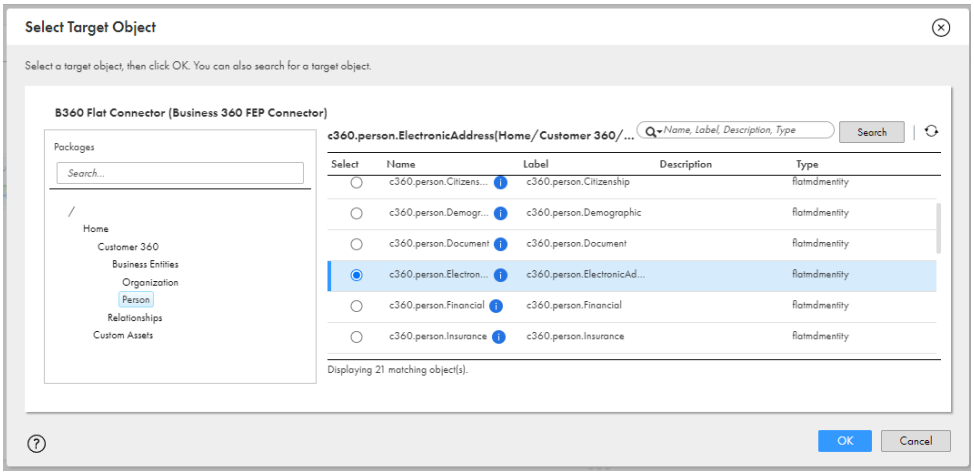
For example, to update the date of birth value of a record, you can select the operation as update for the Target transformation of the root field. To delete the billing address of a record, you can select the operation as delete for the Target transformation of the address field group.

For more information about the different types of operation, see "Target transformation in mappings" on page 14.

e. To view the list of supported assets, on the left pane, expand **Home**.

f. To view the list of available assets, expand the asset type under an application. For example, if you select **Customer 360** and **Business Entities** on the left pane, you can view the list of available business entities on the left pane from which you can choose the required business entity. The root fields and field groups that belong to the selected business entity appear as individual objects on the right pane from which you can select the required target object.

The following image shows the **Person** business entity selected on the left pane and the **Electronic Address** field group selected on the right pane:



g. To view the list of custom assets, on the left pane, expand **Custom Assets**, and select an asset type.

The custom assets are grouped based on the asset type.

The list of custom assets appears on the left pane. For example, if you choose **Hierarchies**, the list of hierarchies appears on the left pane. If you choose a custom hierarchy, the business entities and relationships associated with the custom hierarchy appear as individual objects on the right pane.

Note: If you change the name of a custom business entity or delete it in the Business 360 Console, the existing mappings with references to that custom business entity will fail when you run those mappings.

h. To select relationships in hierarchies, expand **Custom Assets**, and then click **Hierarchies**. Select the required relationship from the right pane.

Note: To specify relationships in hierarchies as the target object, ensure that you specify unique display names for each relationship within a hierarchy. Don't select the relationship from the **Relationships** folder under **Custom Assets**.

7. On the **Field Mapping** tab, select the input fields that you want to map to the target fields.

Map the following fields from the **Input Fields** section to the **Target Fields** section based on the purpose of the fields described in the following list:

- BusinessId. Optional. Unique identifier for the input records.

  Note: When you ingress hierarchies or relationships, ensure that you don't map the BusinessId field.

  For more information about using business IDs in the ingress process, see *Ingress data with business ID* in the *Business 360 Console* help.

- sourceLastUpdateDate. Optional. The ingress process uses the **sourceLastUpdateDate** field to import the updated date of a field or field group from the source system. Currently, you can map the **sourceLastUpdateDate** field to the required root fields and root field groups. To view the **sourceLastUpdateDate** fields in the **Target Fields** section, expand the **_cm** nodes within a field group. The last updated date is essential to establish the best version of the truth when you import data from multiple source systems into the MDM SaaS data store.

For more information about establishing the best version of the truth, see *Establishing the best version of the truth* in the help of business applications.

If you map the **sourceLastUpdateDate** field but the field value isn't in the input file, then the process updates the value in one of the following ways:

- For a root field, the mapping considers the last updated date of the root field as the value.
- For a field group, the mapping considers the **sourceLastUpdateDate** field value of the root field as the value.
- For the root field and field group, the mapping considers the last updated date of the root field as the value.

Note: You can't map the **sourceLastUpdateDate** field to nested field groups.

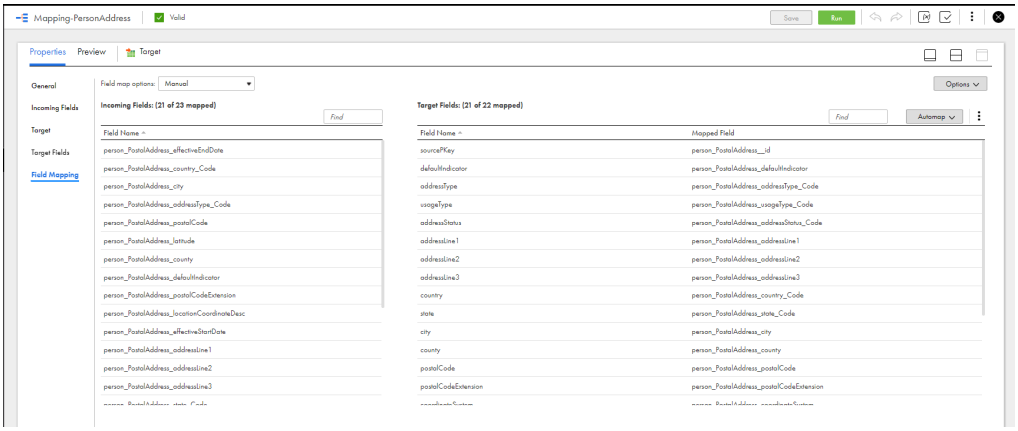
If a field group has nested field groups, the **parentId** field indicates the position of the field group. The **parentId** field of a nested field group must be the **sourcePKey** field of its parent field group. If you choose a nested field group as the target object, you can view the **sourcePKey** fields of the parent field group and all the associated **parentID** fields in the **Target Fields** section. For example, if you choose field group A nested within field group B, you can view the **parentID** field of the root field and also the **parentID** field of field group B.

Ensure that the sourcePkey field name contains only alphanumeric characters and the following special characters:

```
.~!/'={}|:@#$^&*()-_+,<>?`
```

Otherwise, the Target transformation fails. If required, correct the source primary key values in the source objects.

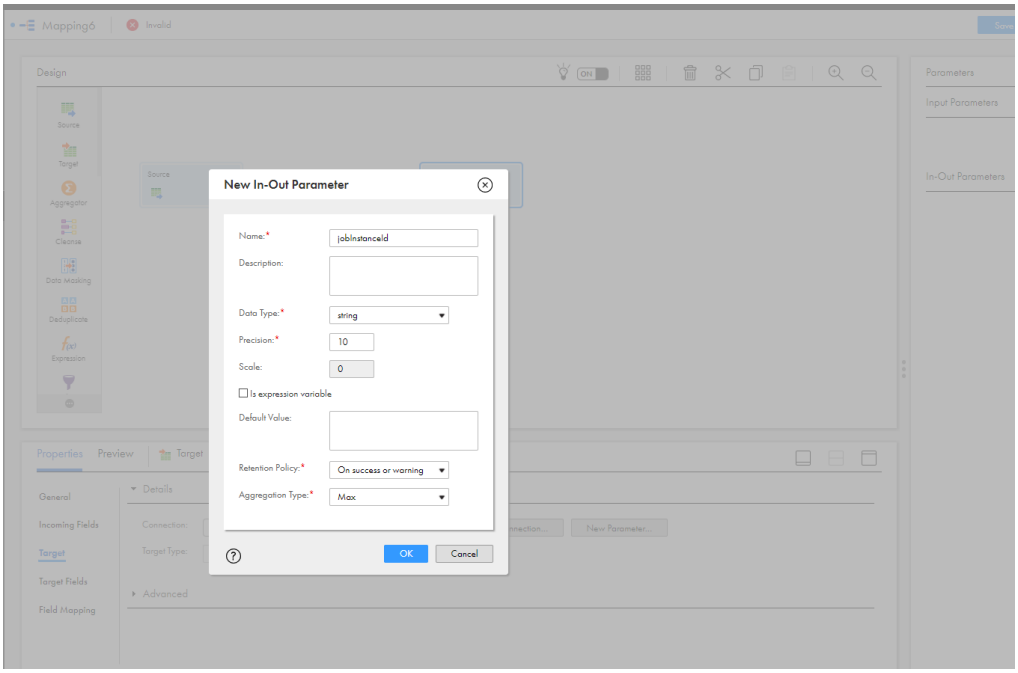
The following image shows the input fields on the left pane in a non-hierarchical format and the target fields on the right pane:



Note: If the name of a nested field group exceeds the maximum limit of 75 characters, the name is prefixed with its corresponding level instead of the parent field group names. For example, if the name of a nested field group at fourth level exceeds 75 characters, the field name format is Level4_<field group name>_<parentId>, wherein Level4 replaces the parent field group names.

8. Go to **Target > Parameters Panel > Input-Output Parameters**, and create a parameter.

   The input-output parameter is internally mapped to the job instance ID. When you run an ingress job, Cloud Application Integration process passes the job instance ID to the input-output parameter in Cloud Data Integration. Based on the defined taskflows, the job runs. If you do not define the input-output parameter for the Target transformation in Cloud Data Integration, the job fails.
   The following image shows the input-output parameter dialog box:



9. Draw links to connect the Source transformation to the Target transformation.
10. Save the mapping.

Mapping fields with validation errors

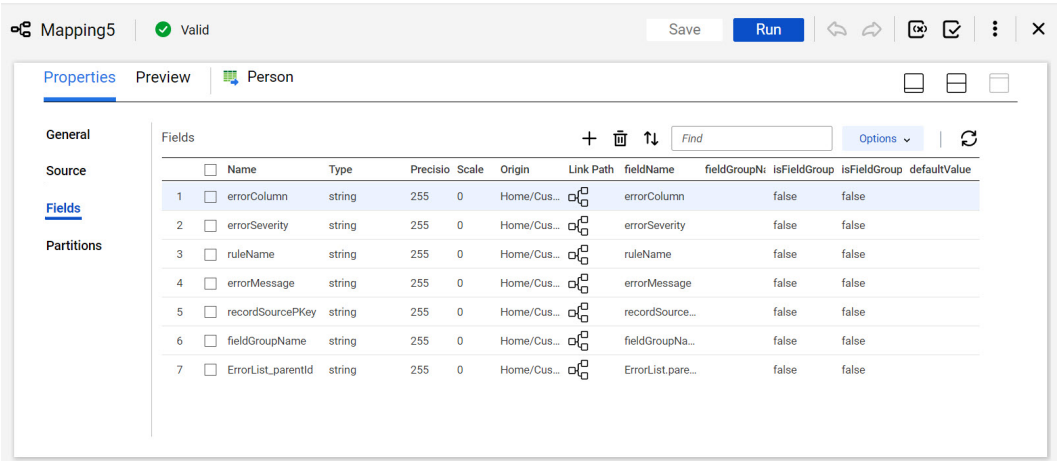
If you want to identify the fields that contain validation errors in the exported data, you can map the ErrorList field group to target objects. The validation errors of root fields and field groups are captured in the ErrorList field group. The ErrorList field group inherits the name of the source object as the prefix and .ErrorList as the suffix.

For example, the c360.person.ErrorList field group captures the validation errors of fields in the Person business entity, and the corporation.ErrorList field group captures the validation errors of fields in a custom business entity called Corporation.

Note: Effective in the May 2023 release, the ability to map the ErrorList field group to target objects is available for preview.

Preview functionality is supported for evaluation purposes but is unwarranted and is not supported in production environments or any environment that you plan to push to production. Informatica intends to include the preview functionality in an upcoming release for production use, but might choose not to in accordance with changing market or technical circumstances. For more information, contact Informatica Global Customer Support.

The following image shows the fields within the c360.person.ErrorList field group that is mapped to a target object:



The following table describes the fields within the ErrorList field group that capture the validation errors:

Field Name	Description
ErrorList_parentID	The source primary key values of root fields and field groups that contain validation errors.
errorColumn	Name of the fields that have validation errors. **Note:** The errorColumn field doesn't include the names of field groups that have validation errors.
errorSeverity	Severity of the validation error, such as warning or information.
ruleName	Name of the data quality rule association that returns the error.
errorMessage	The message associated with the validation error.

Field Name	Description
recordSourcePKey	The source primary key values of records that contain validation errors.
fieldGroupName	Name of the field group that contains validation errors.

Note: When multiple fields within a field group contain the same validation error, the fields are combined into a single row in the exported data.

CHAPTER 4

Rules and Guidelines

You can use the following rules and guidelines to work with the Business 360 FEP Connector.

Rules and Guidelines for Business 360 FEP Connector

Consider the following rules and guidelines when you use a Business 360 FEP Connector:

- When you create a taskflow, ensure that you add the mapping tasks of both the root field and the child field group. For more information about creating a taskflow, see *Creating a taskflow*.
- After you create a mapping to ingress data to a dynamic field definitions attribute, create another mapping to ingress relationships. When you relate records, they inherit the dynamic field definitions.

  Note: Effective in the October 2023 release, dynamic fields are available for preview.

  Preview functionality is supported for evaluation purposes but is unwarranted and is not supported in production environments or any environment that you plan to push to production. Informatica intends to include the preview functionality in an upcoming release for production use, but might choose not to in accordance with changing market or technical circumstances. For more information, contact Informatica Global Customer Support.
- To add new records, update field values, or delete field group entries in record sections, ensure that you map the source primary key, source system, and field group ID of the records.
- To delete field values in a nested field group, ensure that you map the source primary key, source system, and field group IDs of all the parent field groups.
- You can't use the delete operation to delete all the root field values of a record.
- To update field values in record sections, ensure that you map all the field values of that particular section.
- If you want to run the Secure Agent through a proxy server, configure the following JVM options in the Secure Agent:

  1. In Administrator, click **Runtime Environments**.
  2. Click the Secure Agent that you want to run through a proxy server.
  3. Click **Edit**.
  4. In the **System Configuration Details** section, select the type as **DTM** for the Cloud Data Integration Server service.

5. Edit the following properties:

JVMOptions	Value
JVMOption1	Set to -Dhttps.proxySet=true
JVMOption2	Required if you set JVMOption1 to -Dhttps.proxySet=true. Set to -Dhttps.proxyHost=<hostname>.
JVMOption3	Required if you set JVMOption1 to -Dhttps.proxySet=true. Set to -Dhttps.proxyPort=<port>.
JVMOption4	Optional. If you have user credentials configured for the proxy server, set to -Dhttps.proxyUser=<username>.
JVMOption5	Required if you set JVMOption4 to -Dhttps.proxyUser=<username>. Set to -Dhttps.proxyPassword=<password>.

Note: You can set either `https` or `http` for the preceding options. If you do not set the required JVM options, the mapping fails.

6. To enable or disable the mongo TCP proxy support for the Business 360 FEP Connector, configure the custom configuration details for `JVMOption6` listed in the table below:

Custom Configuration Details	Value
Service	**Data Integration Server**
Type	**DTM**
Name	JVMOption6
Value	- To enable the proxy support for mongo connections, set the value to -Db360.datastore.useProxy=true. - To disable the proxy support for mongo connections, set the value to -Db360.datastore.useProxy=false. **Note:** The value `true` or `false` is not case sensitive.

Note: To disable the proxy support for mongo connections, you can set the value to -Db360.datastore.useProxy=false or don't configure the `JVMOption6`.

7. Click **Save**.
8. Restart the Secure Agent.

- When you run an ingress job to import records, the wait time during the **Extract** step might increase based on the volume of records.
  To reduce the wait time during the **Extract** step, configure the following JVM options in the Secure Agent:
  1. In Administrator, click **Runtime Environments**.
  2. On the Runtime Environments page, click the Secure Agent that you want to run through a proxy server.

3. Click **Edit**.
4. In the **System Configuration Details** section, select the service as **Data Integration Server** and then select the type as **DTM**.
   a. Edit the following JVMOptions:

JVMOptions	Value
JVMOption1	-XX:-UseGCOverheadLimit
JVMOption2	-Xms8192m
JVMOption3	-Xmx8192m.

Additionally, to reduce the wait time, increase the batch count of records sent to the Mongo. To increase the batch count, add the MDM_MONGO_BULK_REQUEST_COUNT=1000 property to the mdm.Connector.properties file in the following directory:

<Secure Agent Installation Directory>/apps/Data_Integration_Server/conf/mdmConnector.properties

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