



Business Partner Attachment Extraction for SAP Business ByDesign

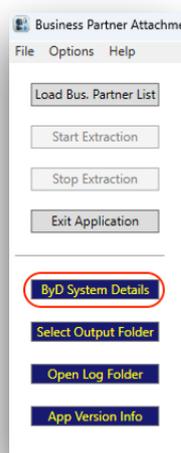
This application is designed to allow you to easily download the attachments saved in the business partners within your SAP Business ByDesign system, using a simple list of the business partner IDs as the input file.

The input file is a simple list of the business partners that you want to download the attachments for, with one business partner ID per line and saved as a CSV file. You could obtain this list by using a SAP Business ByDesign report with one characteristic only showing the business partner ID and then saving this to a CSV file.

An example is:

```
1000000  
1000111  
6748213
```

Before you can use the application, you need to go to the application preferences to configure the SAP Business ByDesign system details:



SAP Business ByDesign System Details

ByD System URL:

User ID:

Password:

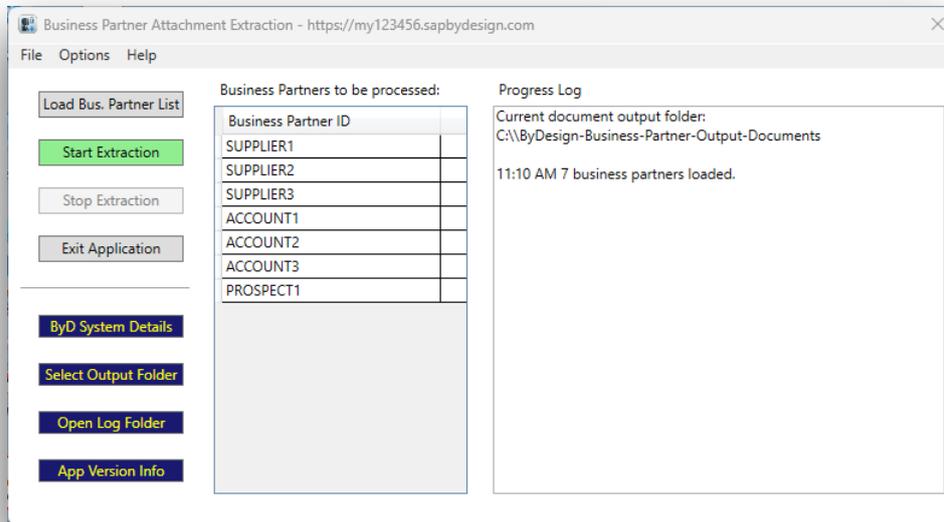
Once the SAP Business ByDesign system details have been entered you can then select the output folder where any attachments will be saved once downloaded. The application will automatically create a new folder for each business partner ID, with the folder name the same as the business partner ID and any downloaded attachments within those sub folders.

After selecting the output folder you can then open the list of business partner IDs which will appear on the right hand side of the application window.

To commence the download of the attachments, click the 'Start Extraction' button.

On the right side of the screen you can see an output log showing you what the application is doing and if there are any error messages. If for some reason the download stops you can just click the 'Start Extraction' button to restart the download again, continuing from where it left off.

As each business partner is processed, the partner ID is removed from the list of business partners to process but please be aware that the attachment or output document download could still be processing in the background.



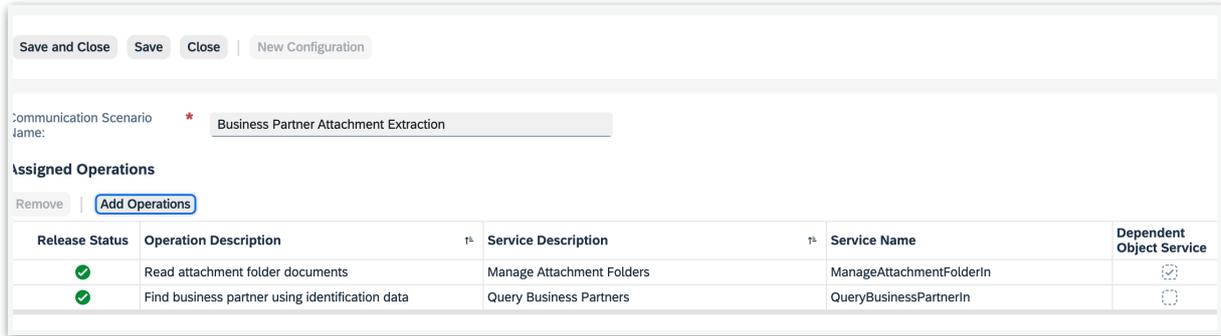
If for any reason you need to stop the extraction whilst it is processing you can do this with the "Stop Extraction" button. The current list of business partner IDs can also be found in the "To-Process" folder which you can access by clicking on the "Open Log Folder" button and then going up a directory level.

Name	Date modified	Type
 Log	10/7/2024 5:33 PM	File folder
 Processed	10/7/2024 5:40 PM	File folder
 To-Process	10/7/2024 5:31 PM	File folder

The next section explains how to set up your SAP Business ByDesign system so that it works with this application.

Communication Scenarios

Create a new communication scenario:



Save and Close | Save | Close | New Configuration

Communication Scenario Name:

Assigned Operations

Remove | Add Operations

Release Status	Operation Description	Service Description	Service Name	Dependent Object Service
✓	Read attachment folder documents	Manage Attachment Folders	ManageAttachmentFolderIn	<input checked="" type="checkbox"/>
✓	Find business partner using identification data	Query Business Partners	QueryBusinessPartnerIn	<input type="checkbox"/>

Communication Scenario Name: Business Partner Attachment Extraction

Add the following operations:

Service Name: QueryBusinessPartnerIn

Available Operations

Add Operation	Release Status	Operation Description	Service Description	Service Name	Dependent Object Service
<input checked="" type="checkbox"/>	✓	Find business partner using identification data	Query Business Partners	QueryBusinessPartnerIn	<input type="checkbox"/>

Service Name: ManageAttachmentFolderIn

Business Object Name = BUSINESS_PARTNER_TMPL

Add Operation	Release Status	Operation Description	Service Description	Service Name	Dependent Object Service
<input checked="" type="checkbox"/>	✓	Read attachment folder documents	Manage Attachment Folders	ManageAttachmentFolderIn	<input checked="" type="checkbox"/>

Details

Business Object Proxy Name:

Business Object Name: BusinessPartner_Template

Business Object Namespace: http://sap.com/xi/AP/FO/BusinessPartner/Global

Please note that you cannot select the business object name "BUSINESS_PARTNER_TMPL" and instead have to type it in and press Enter. Please see <https://userapps.support.sap.com/sap/support/knowledge/en/0003275340> for further information on this.

Click "Save and Close"

Communication Systems

Create a new communication system:

- **ID:** BP-EXTRACT
- **Host Name:** BP-EXTRACT
- **System Access Type:** Internet

Basic Information

ID: *

SAP Business Suite:

Host Name:

System Access Type: *

Add a system instance ID: BP-EXTRACT – Web Service

System Instances	
<input type="button" value="Add Row"/> <input type="button" value="Remove"/>	
System Instance ID	Preferred Application Protocol
BP-EXTRACT	5 - Web Service

Click “Actions” and then “Set to Active”:
Click “Save and Close”

Set to Active

Set to Obsolete

Undo Obsolete

SAP Business Suite:

Host Name:

System Access Type: *

Communications Arrangement

Create a new communications arrangement:

- **Communication Scenario:** Business Partner Attachment Extraction

1 Select Scenario
2 Define Business Data
3 Define Technical Data
4 Review
5 Confirmation

< Previous
Next >
Finish
Close
|
Preview
Check Completeness
Save as Draft

Communication Scenarios

Communication Scenario	Communication Type
Business Partner Attachment Extraction	Application Integration

- **System Instance ID:** BP-EXTRACT

1 Select Scenario
2 Define Business Data
3 Define Technical Data
4 Review
5 Confirmation

< Previous
Next >
Finish
Close
|
Preview
Check Completeness
Save as Draft

Communication System

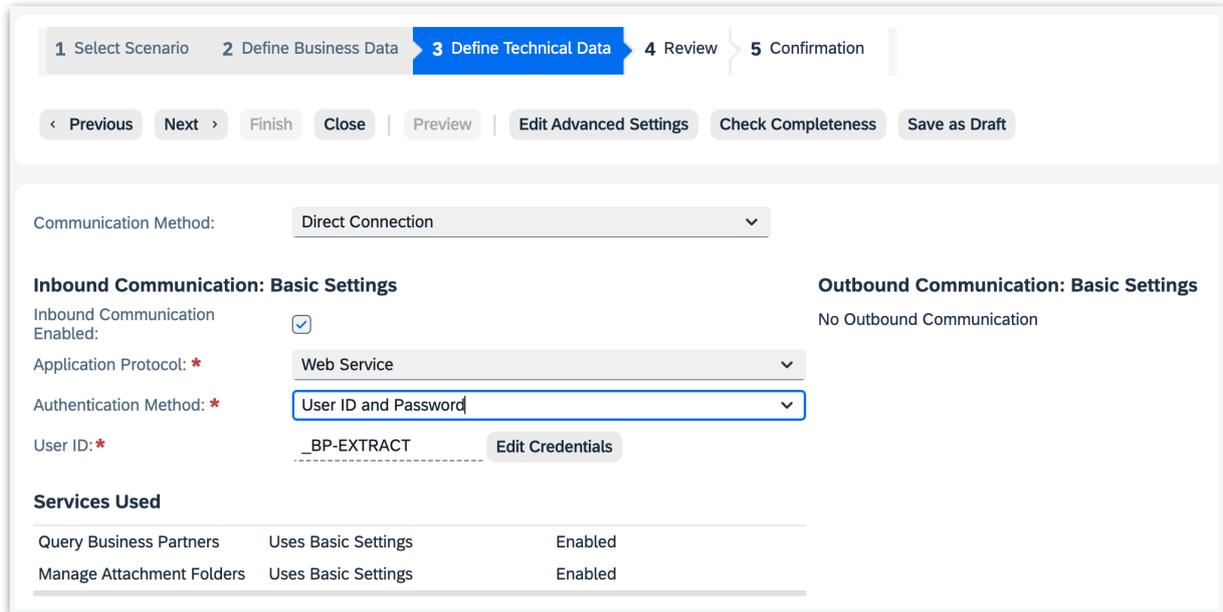
System Instance ID: *

Communication System: BP-EXTRACT

My Communication Data

My System:

- **Communication Method:** Direct Connection
- **Inbound Communication Enabled:** CHECKED
- **Application Protocol:** Web Service
- **Authentication Method:** User ID and Password
- **User ID:** _BP-EXTRACT (automatically set)



1 Select Scenario 2 Define Business Data **3 Define Technical Data** 4 Review 5 Confirmation

< Previous Next > Finish Close | Preview | Edit Advanced Settings Check Completeness Save as Draft

Communication Method: Direct Connection

Inbound Communication: Basic Settings

Inbound Communication Enabled:

Application Protocol: * Web Service

Authentication Method: * User ID and Password

User ID: * _BP-EXTRACT Edit Credentials

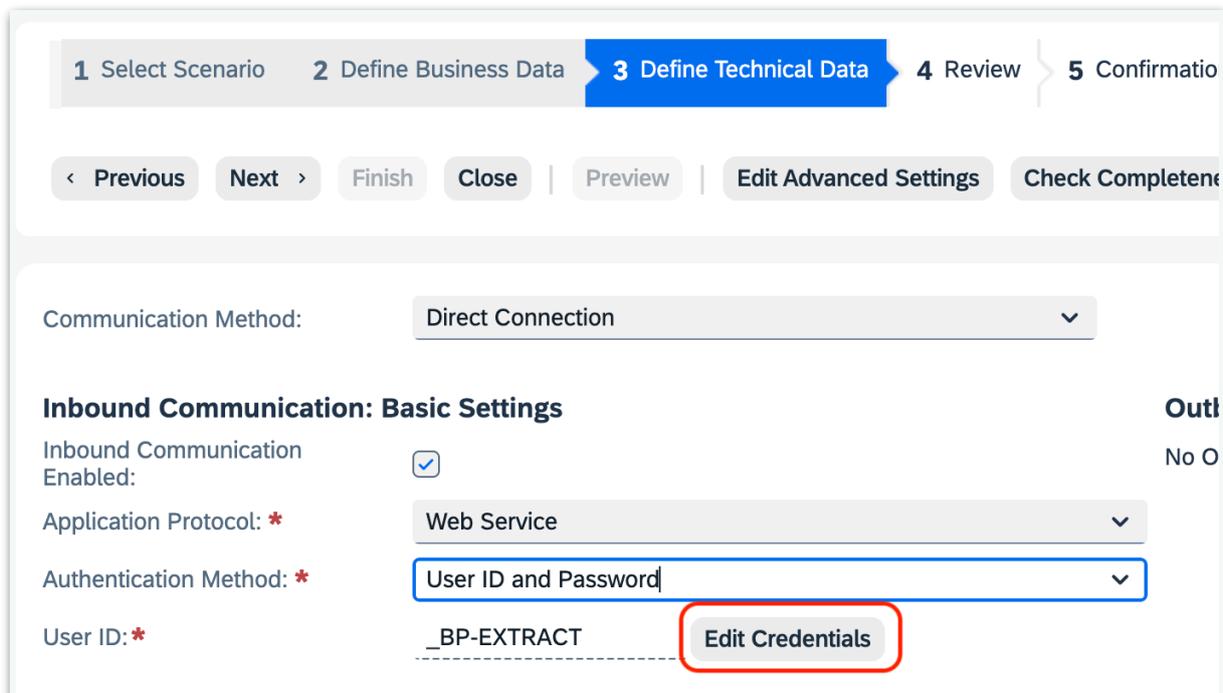
Outbound Communication: Basic Settings

No Outbound Communication

Services Used

Query Business Partners	Uses Basic Settings	Enabled
Manage Attachment Folders	Uses Basic Settings	Enabled

Click the “Edit Credentials” button:



1 Select Scenario 2 Define Business Data **3 Define Technical Data** 4 Review 5 Confirmation

< Previous Next > Finish Close | Preview | Edit Advanced Settings Check Completeness

Communication Method: Direct Connection

Inbound Communication: Basic Settings

Inbound Communication Enabled:

Application Protocol: * Web Service

Authentication Method: * User ID and Password

User ID: * _BP-EXTRACT Edit Credentials

Outbound Communication: Basic Settings

No Outbound Communication

Enter a password and then click OK:

Click Next and then click Finish

Edit Communication User

User ID:

User Account:

Language:

Change Password **Certificate**

Password:

The system configuration is now complete!

You should use the `_BP-EXTRACT` user ID and password in the Business Partner Attachment Extraction application when configuring the system details.