

Data Send Profile Creation Guide

1. Creating the Data Send Profile

1. Navigate to **Data Send Profiles** in Business Central.
2. Create a new profile by specifying the following fields:
 - **Code:** Unique identifier for the profile.
 - **Description:** A brief explanation of the profile's purpose.
 - **Data Format:** Select the format in which the data will be sent:
 - JSON
 - XML (not supported yet)
 - **Identifier Format:** Select the naming convention for the data fields:
 - camelCase
 - snake_case
 - PascalCase
 - kebab-case
 - **Destination URI:** The endpoint where the data will be sent.

2. Creating Data Send Profile Lines

Each profile line defines which tables and fields will be included in the Data Send Profile.

1. **Specify Table and Counter Fields**
 - **Table No.:** Select the table to be sent.
 - **Send Counter Field No.:** Optional. If the table is supported, field will populate automatically.
2. **Set Priority**
 - Use the **Move Up** or **Move Down** actions to adjust the line's priority.
 - **Low priority = processed first.**
 - If multiple lines are configured, priority determines the processing order.
3. **Configure Fields**
 - Use the **Fields** action to select which fields will be sent.
 - Options:
 - **Specify manually** – select individual fields.
 - **Insert Default Fields** – automatically add default fields for the table.
4. **Configure Optional Filters**
 - Apply filters to limit the dataset being sent.



- **Important:** Each new or modified filter must be validated using **Validate Filters**.
 - Validation is required **once at the end of all filter changes**.
5. **Configure Optional Counters**
- Skip this step if no preset is required (all existing data will be generated and transmitted.).
 - To send only new changes going forward, use **Preset Counters**.

3. Configuring Linked Lines (Optional)

Linked lines allow sending related data that depends on the main line.

1. **Create Linked Lines**
 - Configure the linked lines with the selected fields and filters.
 - Ensure that fields relating to the main line are correctly mapped in the filters.
2. **Set Linked Line Priority**
 - Use **Move Up** or **Move Down** to adjust priority.
 - **Low priority = processed first**.
 - Priority affects the processing order if multiple linked lines are configured.

Notes & Best Practices

- Always validate filters after creating or modifying them – mandatory to enable profile.
- Review priority order carefully, especially if multiple lines or linked lines are used.
- Use the **Preset Counters** feature cautiously; incorrect usage may result in missing data synchronization.
- Regularly test the profile with sample data to ensure the correct fields and format are sent to the destination URI.