

Excel Import Page

High-level

This page allows staff to move data in and out of Bitrix using Excel. It has three steps:

1. **Download Template** → Download a clean Excel template with the right column headers.
2. **Import Excel File** → Upload an Excel file to add new records to Bitrix.
3. **Assign Beneficiaries to Project** → Upload a government-provided Excel list and link those beneficiaries to a project.

Staff don't need to know Bitrix field codes — the system maps Excel headers to Bitrix automatically.

Technical

Route: /download-template

- Validates the selected entity (beneficiaries, projects, payments, children).
- Fetches field definitions from Bitrix (crm.item.fields).
- Uses the IMPORT_FIELDS config section to decide which fields to include.
- Creates an Excel file with proper column headers and sends it to the user.

Route: /import-excel

- Handles both **GET** (show page) and **POST** (upload).
- Reads the selected entity and uploaded Excel file.
- Fetches Bitrix field definitions to map Excel column headers to Bitrix field codes.
- Cleans up values (removes blanks, NaN, infinities).
- Sends a crm.item.add request for each row to create records in Bitrix.
- Flashes success or error messages.

Route: /assign-to-project

- Accepts an Excel file upload (govListFile).
- Saves the file into an uploads folder.

- Passes the file to `assign_beneficiaries_from_excel` (a helper function not shown here).
- Displays feedback to the user: successes, warnings, and errors.