

Business Requirements Document

Project: RS.ge Integration with Odoo

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Customer: LLC "Nexia Solutions"

Executor: Mirko Solutions Inc.

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1. Introduction

This Business Requirements Document (BRD) outlines the technical and functional requirements for integrating RS.ge (Revenue Service of Georgia) with the Odoo ERP system. It describes the purpose, scope, and expected outcomes of the integration.

2. Vision

To enable automated, accurate, and efficient document exchange between RS.ge and Odoo ERP, fostering greater compliance, transparency, and operational efficiency.

3. Mission

To implement a robust and user-centric Odoo module that facilitates seamless import/export of waybills and invoices via RS.ge APIs.

4. Goals

- Synchronize waybill and invoice data between RS.ge and Odoo.
- Minimize manual data entry and human error.
- Enable real-time reporting and verification.
- Provide clear interfaces and reporting tools for end-users.

BRD Document No. 2 – Process Description

1. Purpose of the Technical Specification

The purpose of this technical specification is to provide the user with the ability to download and send waybill and invoice data within the Odoo platform and to verify, through a report, whether the documents created in Odoo correspond to those in the rs.ge platform.

2. Key Requirements of the Technical Specification

1. A separate module for integration with RS.ge, which includes:

- Ability to download waybills and SF's received from RS.ge
- Ability to download waybills and SF's sent by the organization from RS.ge
- Ability to create a purchase document based on the downloaded waybill and invoice(SF)
- Ability to create an outgoing waybill based on the downloaded waybill and invoice (SF)
- Ability to automatically create or populate the product catalog (items) based on the downloaded data
- Ability to automatically create or update a counterparty (buyer or seller) based on the downloaded information

After importing waybills, it should also be possible to create internal stock transfer documents.

2. Functionality to send waybills and invoices to RS.ge from a sales document

- Includes a button to save the waybill and SF
- Includes a button to send the waybill and SF
- Includes a combined button to both create and send the waybill and SF

3. Report for comparing documents registered in RS.ge and the Odoo portal

Business Process (workflow) Based on the Above Requirements

Overview:

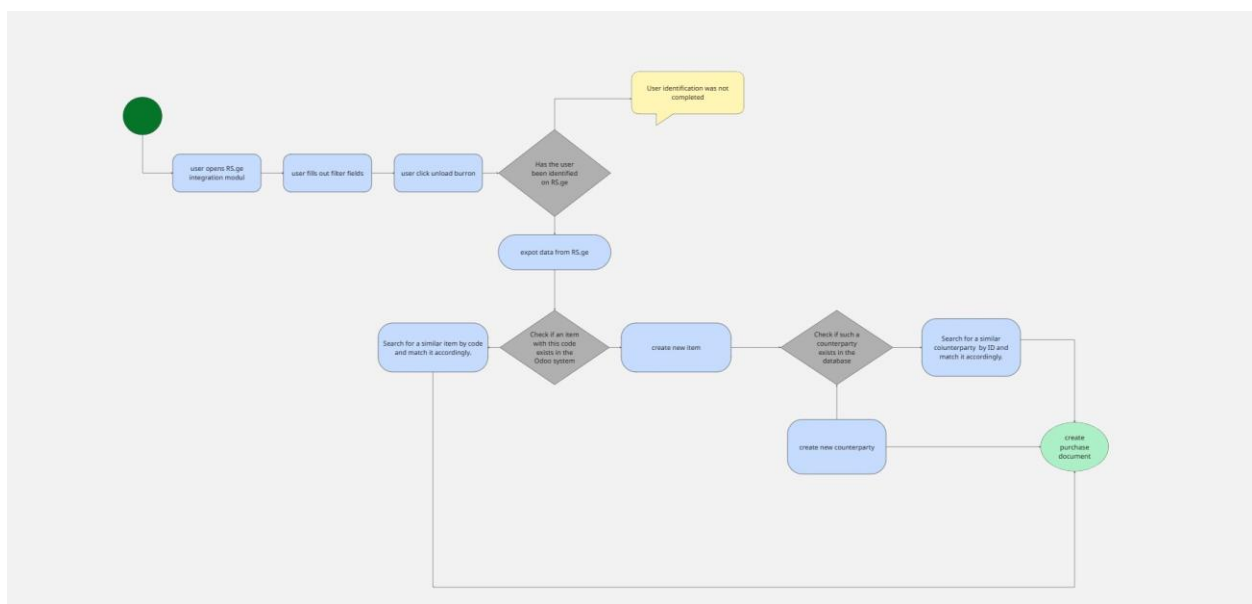
The integration module shall support the creation of the following types of documents:

- **Purchase Document**
Documents related to the acquisition of goods or services.
- **Sales Document**
Documents related to the sale or transfer of goods to customers.
- **Internal Transfer Document**
Documents that record the movement of stock between warehouses (transferring inventory from one warehouse to another).

1. A separate module for integration with RS.ge, which includes:

- The RS.ge module allows the user to:
- Download waybill information
- Identify or create products or counterparties based on the data
- Create incoming or outgoing waybills
- After importing waybills, it should also be possible to create internal stock transfer documents.

Below is a diagram illustrating the process of creating an incoming waybill, which will be analogous to the outgoing waybill process, except that instead of a purchase document, a sales document will be created.



The main difference between invoices and waybills is that invoices can include information about services, whereas waybills cover only information related to material goods.

The integration module should be able to create three types of documents: purchase documents, sales documents, and internal transfers (stock movements from one warehouse to another).

2. Functionality to send waybills and invoices to RS.ge from a sales document

- Includes a button to save the waybill and SF
- Includes a button to send the waybill and SF
- Includes a combined button to both create and send the waybill and SF

The development will assist the user in sending invoices(SF) and waybill documents to RS.ge.

The following will demonstrate the functional workflow scenario.

Use Case: Creating a Sales Document and Uploading to RS.ge

Use Case Name: Creating and Uploading a Sales Document to RS.ge

Actor: User

System: odoo

External System: RS.ge (Revenue Service Platform)

Preconditions:

- The user is authorized in the system.
- The RS.ge API is configured and active.
- The user has the necessary permissions.

➤ Main Flow (Success Scenario)

**The user logs into the system and navigates to the sales module.

**The user creates a new sales document by:

**Selecting the counterparty.

**Specifying products, quantities, prices, etc.

**At this stage, the system saves the sales document as a draft.

**The user clicks the “Save” button, and the document is saved finally.

**After saving, user click necessary field from bellow

☒ Upload Waybill to RS.ge

☒ Upload Invoice to RS.ge

**The user selects the desired button (e.g., uploading the waybill).

The system sends the data to RS.ge via the RS.ge API.

****On success, the system displays a confirmation message:**

“Waybill successfully uploaded to RS.ge”
or

“Invoice successfully uploaded to RS.ge”

****The user has the option to download the official version of the uploaded document.**

The user should have the ability to view, through a report, the purchase, sales, and transfer documents that do not match the data uploaded to RS.ge based on various requisites.

Additionally, the user should be able to view only those documents that are not fully synchronized with RS.ge after using the "Generate" button.

Here is one example of this table:

3. Report for comparing documents registered in RS.ge and the Odoo portal

Nº	Document Type	Document No. (RS.ge)	Date (RS.ge)	Counterparty (RS.ge)	Amount (RS.ge)	Counterparty (Odoo)	Amount (Odoo)	Status
1	Waybill	ZN-123456	01/07/2025	LLC "Example"	1,500 GEL	LLC "Example"	1,500 GEL	✓ Matches
2	Invoice	AF-987654	02/07/2025	LLC "Test"	980 GEL	LLC "Test"	950 GEL	⚠ Amount Mismatch
3	Waybill	ZN-123457	02/07/2025	Mariam Vasadze (Ind.)	300 GEL	-	-	✗ Not Found in Odoo
4	Invoice	-	-	LLC "Techno"	-	LLC "Techno"	2,100 GEL	✗ Not Found on RS.ge