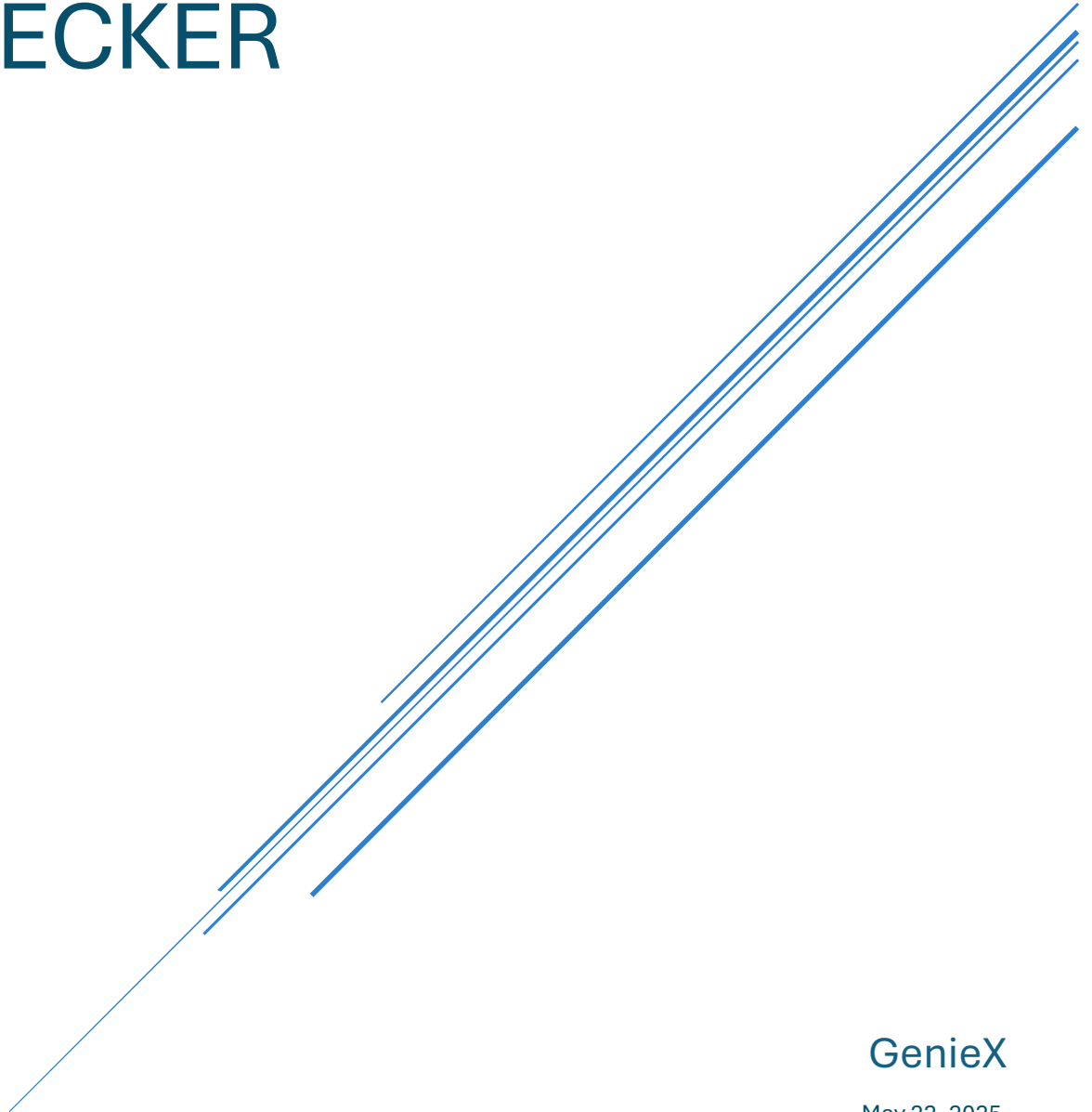




# Z-READ & EJOURNAL CHECKER



GenieX

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# About

The **GX BIR File Checker** is a tool designed to compare Z-Reading amounts with E-Journal amounts for accuracy and consistency. It also counts the total number of transactions per day and highlights any discrepancies in amounts or missing transactions.

Users can specify a date range to filter the data. The application will automatically generate and display the comparison results in a table format. Each row indicates whether the Z-Reading and E-Journal records match for the selected dates. Additionally, users have the option to download the results in CSV format for reporting or further analysis.

File checkers are commonly used in software systems to:

- Confirm file availability before processing
- Validate file names, extensions, or date patterns
- Check for corruption or incomplete data
- Trigger alerts or logs if expected files are missing or invalid

GX BIR File Checker

http://localhost:8501

Your conversion c... Download BlueStac... MS Office HRMS System Screen Recorder - S... Scanner Integration... ChatGPT TaskManager Spotify PHP Task Managem... BIR v4.1.1

Relaunch to update

Z-Read & E-Journal Validation

Date Range Filter

Date Range

2023/01/27 - 2023/01/31

Summary

Z-Read Files

Matches

Mismatches

7

4

3

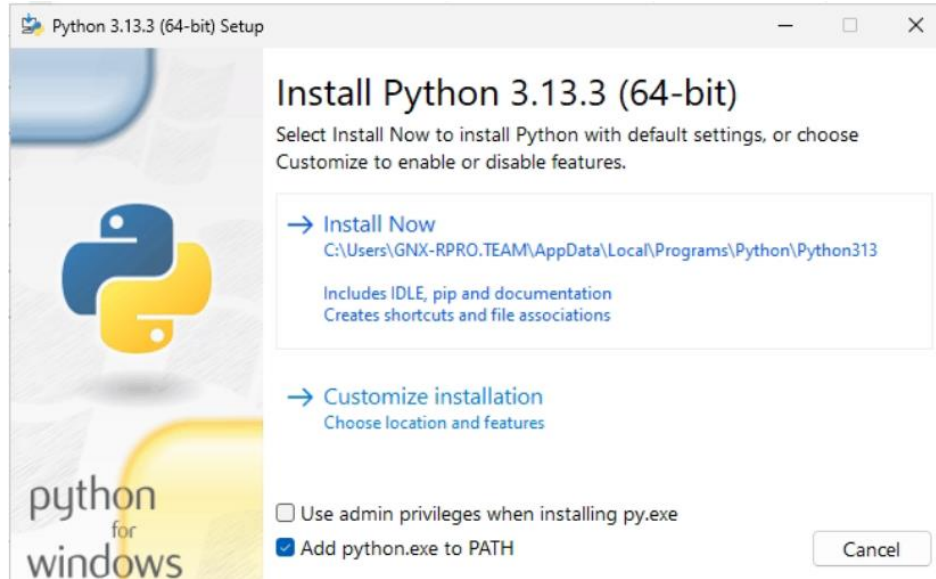
Validation Table (Per Z-Read File)

|   | Date                    | Z-Read File                | Beginning SI | Ending SI | Trans Count | Z-Read Amount | E-Journal File(s)         | SI Count | E-Journal Total | Result   |
|---|-------------------------|----------------------------|--------------|-----------|-------------|---------------|---------------------------|----------|-----------------|----------|
| 0 | 01/27/2023 - 01/27/2023 | 20230127210013-WS-Z70.txt  | 0000394      | 0000399   | 6           | P14,060.00    | TUGUEGARAO-2023-01-27.txt | 6        | P14,060.00      | MATCH    |
| 1 | 01/28/2023 - 01/28/2023 | 20230128204923-WS-Z71.txt  | 0000400      | 0000403   | 4           | P12,345.00    | TUGUEGARAO-2023-01-28.txt | 4        | P12,345.00      | MATCH    |
| 2 | 01/29/2023 - 01/29/2023 | 20230129210337-WS-Z72.txt  | 0000404      | 0000405   | 2           | P1,890.00     | TUGUEGARAO-2023-01-29.txt | 2        | P1,890.00       | MATCH    |
| 3 | 01/30/2023 - 01/30/2023 | 20230130204945-WS-Z73.txt  | 0000406      | 0000409   | 4           | P6,775.00     | TUGUEGARAO-2023-01-30.txt | 4        | P6,775.00       | MATCH    |
| 4 | 01/31/2023 - 01/31/2023 | 20230131205400-WS1-Z75.txt | 0000410      | 0000411   | 2           | P8,075.00     | None                      | 0        | P0.00           | MISMATCH |
| 5 | 01/31/2023 - 01/31/2023 | 20230131215400-WS-Z74.txt  | 0000410      | 0000411   | 2           | P8,075.00     | None                      | 0        | P0.00           | MISMATCH |
| 6 | 01/31/2023 - 02/01/2023 | 20230201205047-WS-Z74.txt  | 0000410      | 0000417   | 8           | P25,405.00    | None                      | 0        | P0.00           | MISMATCH |
| 7 | GRAND TOTAL             |                            |              |           |             | P76,625.00    |                           |          | P35,070.00      | MISMATCH |

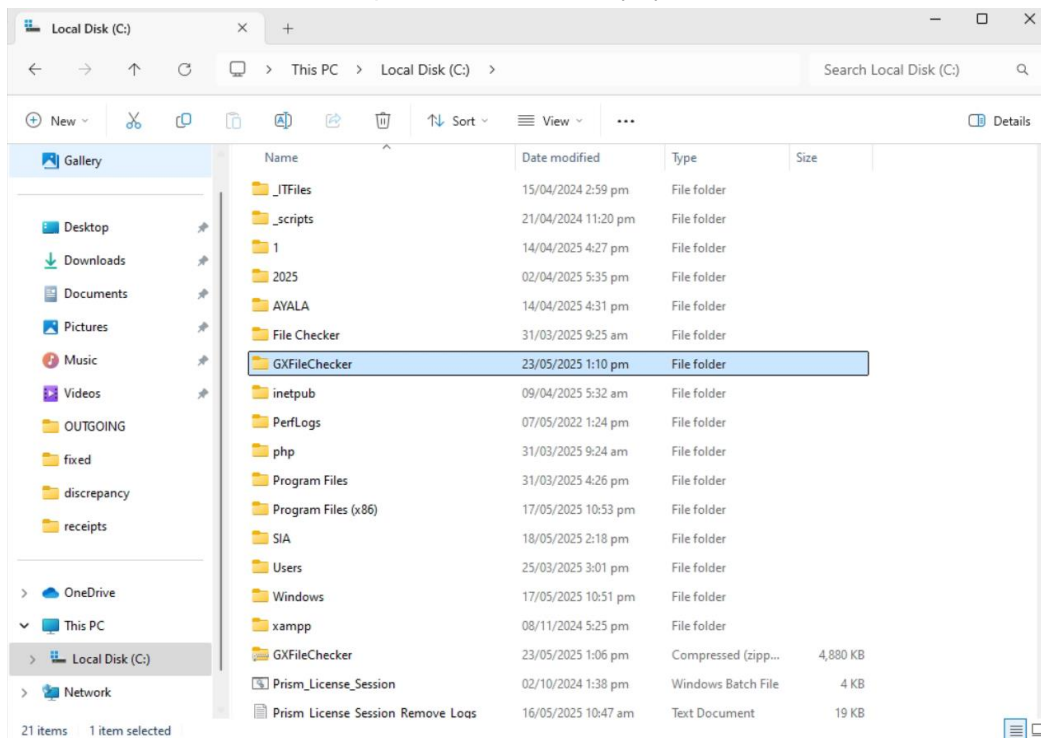
CSV

# Installation

1. Download Python from <https://www.python.org/downloads/>
    - a. Set-up and install application. Click "Install Now"
- IMPORTANT!** Check the box that says "Add Python to PATH"



2. Extract the **GXFileChecker** zip file on Local Disc (C:).



- Open CMD. Run "pip install streamlit". Wait until successfully installed.

```

Command Prompt - pip insta X + v
Microsoft Windows [Version 10.0.22631.5335]
(c) Microsoft Corporation. All rights reserved.

C:\Users\GNX-RPRO.TEAM>pip install streamlit
Collecting streamlit
  Downloading streamlit-1.45.1-py3-none-any.whl.metadata (8.9 kB)
Collecting altair<6,>=4.0 (from streamlit)
  Downloading altair-5.5.0-py3-none-any.whl.metadata (11 kB)
Collecting blinker<2,>=1.5.0 (from streamlit)
  Downloading blinker-1.9.0-py3-none-any.whl.metadata (1.6 kB)
Collecting cachetools<6,>=4.0 (from streamlit)
  Downloading cachetools-5.5.2-py3-none-any.whl.metadata (5.4 kB)
Collecting click<9,>=7.0 (from streamlit)

```

- Go to folder "C:\GXFileChecker". Make sure that the folder is extracted on Local Disc (C:).

```

Command Prompt X + v
Microsoft Windows [Version 10.0.22631.5335]
(c) Microsoft Corporation. All rights reserved.

C:\Users\GNX-RPRO.TEAM>cd ..

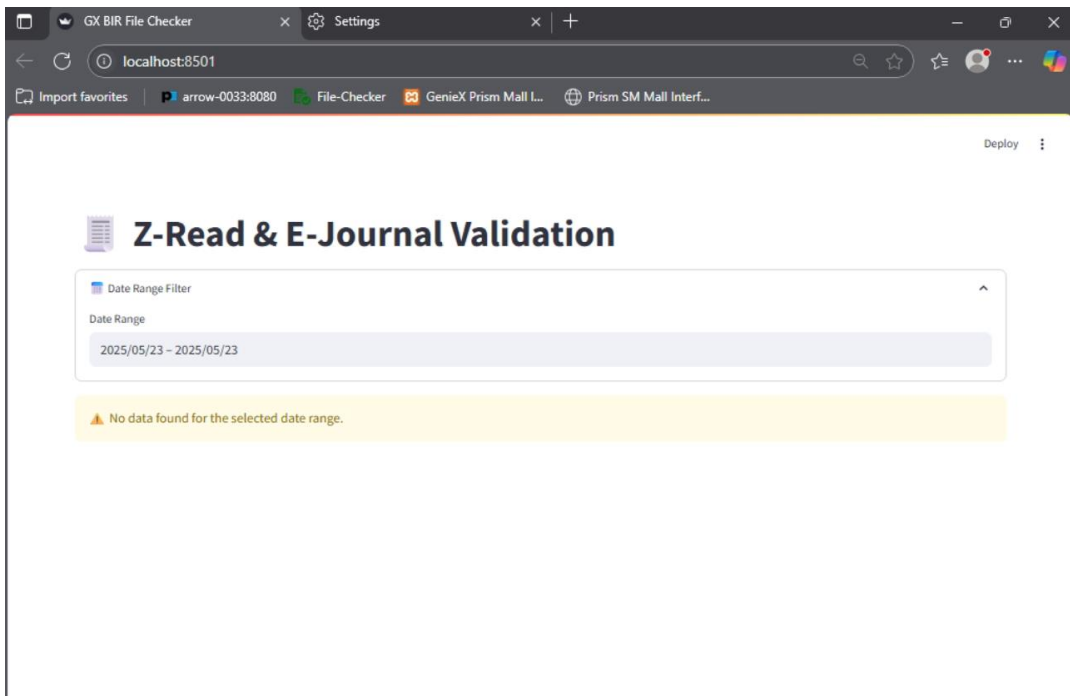
C:\Users>cd ..

C:\>cd GXFileChecker

C:\GXFileChecker>

```

- To run the application. type "streamlit run file\_checker\_app.py". Then, click enter. The web application will automatically open on the browser.



# Documentation

## Configuration

All the configuration setup for GX BIR File Checker is stored in **config.json** file. See the table below for reference.

| Labels                        | Description   |
|-------------------------------|---|
| <b>zread_folder_path</b>      | ZOut folder path.   |
| <b>ejournal_folder_path</b>   | BIREjournals folder path.   |
| <b>receipt_header_keyword</b> | Transaction receipt header keyword                                      |
| <b>receipt_date_pattern</b>   | Transaction receipt date format. See Receipt Date Patterns table below. |
| <b>receipt_type_pattern</b>   | Transaction receipt type format. See Receipt Type Patterns table below. |

### Receipt Date Patterns

This configuration specifies standardized formats for displaying dates on receipts. Each date\_pattern corresponds to a specific format, ensuring consistency across transaction records and journal exports.

*If the receipt date format is not listed, please contact the developer for assistance.*

| Code Name             | Format           | Example          |
|-----------------------|------------------|------------------|
| <b>date_pattern_1</b> | Month dd, yyyy   | January 31, 2025 |
| <b>date_pattern_2</b> | mm/dd/yyyy hh:mm | 02/23/2025 08:14 |

### Receipt Type Patterns

This configuration defines the patterns used to identify the type of receipt from ejournal file. Each type\_pattern corresponds to a specific format, ensuring consistency across transaction records.

*If the receipt type format is not listed, please contact the developer for assistance.*

| Code Name             | Format        |
|-----------------------|---------------|
| <b>type_pattern_1</b> | Receipt Type: |
| <b>type_pattern_2</b> | ***           |