

Invoice Generation Automation

Solution Overview

Invoice Generation Automation is a Python based solution that incorporates Excel and Power Automate to automate the invoicing process for scenarios that are not supported by SAP.

Key capabilities include;

- Auto-generates GST-compliant invoices from Excel templates
- Converts invoices to PDF and stores them in SharePoint
- Merges IRN and barcode data post-government upload
- Captures errors in a log file stored in SharePoint for review and tool enhancement

Business Use Case

Invoicing for scenarios that are not supported by SAP—such as intercompany transactions, asset transfers – is a manual, time consuming, error prone process that involves:

- Preparing Excel templates
- Uploading data to the government portal to generate IRN (unique Id) and barcode (123.....)
- Integrating the generated IRN and barcode back into the Excel to create a GST-compliant e-invoice



Benefits

- Reduced invoice processing time by ~70%
- **Improved Efficiency and Accuracy:** Previously took 15-20 minutes per invoices, now takes ~3 minutes per invoice, significantly improving efficiency and accuracy

Key Results

900 hours

Annual time savings

\$6K

Annual Cost Savings

Technology

- PowerApps
- M365 Copilot

Time taken

Launched in 1-3 months