



# US Nationwide Bottled Water Producer

## Case Study

MAXIMISING THE AUTOMATION ROI AND  
ACCELERATION OF RPA IMPLEMENTATION

Accounts Payable Processes



# Overview



## Automation Challenge

- **US Nationwide Bottled Water Producer (Company)** recognized the need to improve the efficiency of Accounts Payable processes, which required substantial manual effort from employees.
- **Automation Anywhere** platform was selected for automation of manual processes and a number of small bots were deployed.
- *However, the **selection and prioritization of process candidates** for automation was complex and required significant SME time investment. In addition, manual development of PDD was difficult and time consuming.*

## Solution

Company applied StereoLOGIC for automated prioritization of RPA candidates and acceleration of Process Design Documentation (PDD) development.

## Results

- **Week 1:** StereoLOGIC automatically discovered the top automation candidates providing the maximum automation ROI. **Enter Manual Invoice** process (30% potential FTE savings) was selected for automation.
- **Week 2:** Precise Process Maps and PDD have been generated for the selected process.

Automated process prioritization and precise PDD provided by StereoLOGIC, Company **accelerated the bot development 3X** from over **11 weeks to 4 weeks**.

# StereoLOGIC Solution and Results (Summary)



## StereoLOGIC Automated Solution

Employee Monitoring



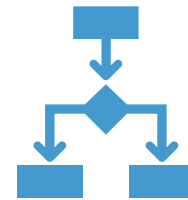
14 employees

AP Associate I 5  
AP Associate II 7  
Travel Financial Analyst 1  
MDM Associate I 1



112 hours  
recorded

Processes & Task Mining



14 task types 683 task instances  
discovered, measured and documented

Improvements &  
Automation  
Opportunities



30% process time savings:  
Manual Invoice Entering  
Identified as an ideal RPA  
candidate

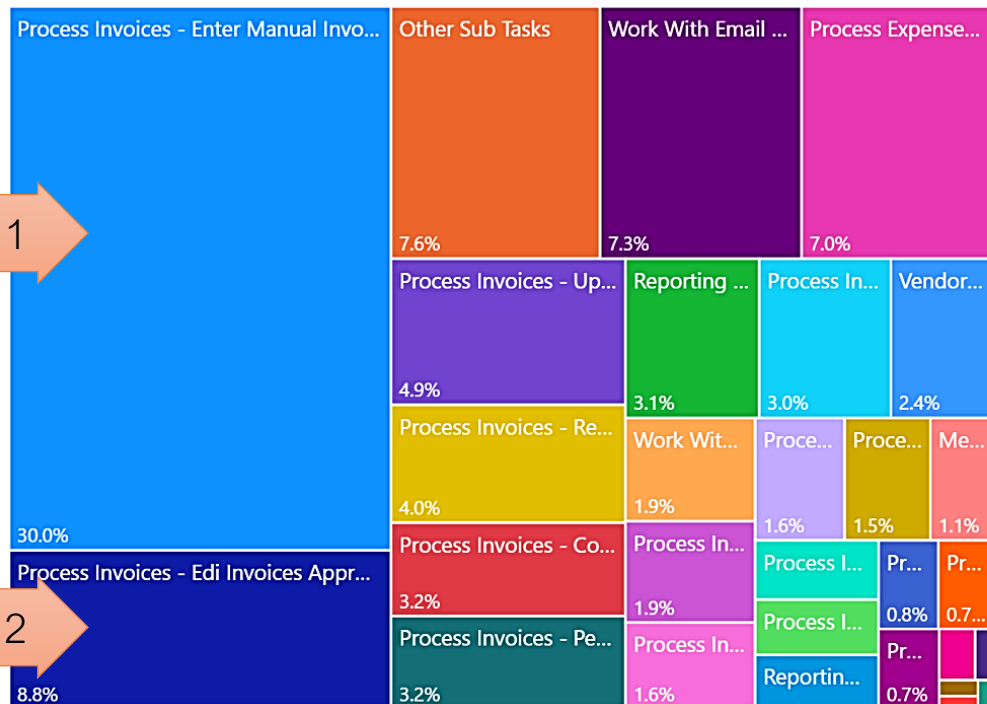
# Prioritising Process Candidate based on Time

StereoLOGIC discovered 14 tasks and 56 sub-tasks performed by AP employees. Precise **time measurements for each sub-task** were generated (*Total FTE time for each sub-task*).

Based on the time measurements, 2 candidates for automation were selected: [Enter Manual Invoice](#) and [Edi Invoice Approval](#):

## OVERVIEW OF DISCOVERED SUB TASKS

### SUB TASK DISTRIBUTION by TIME



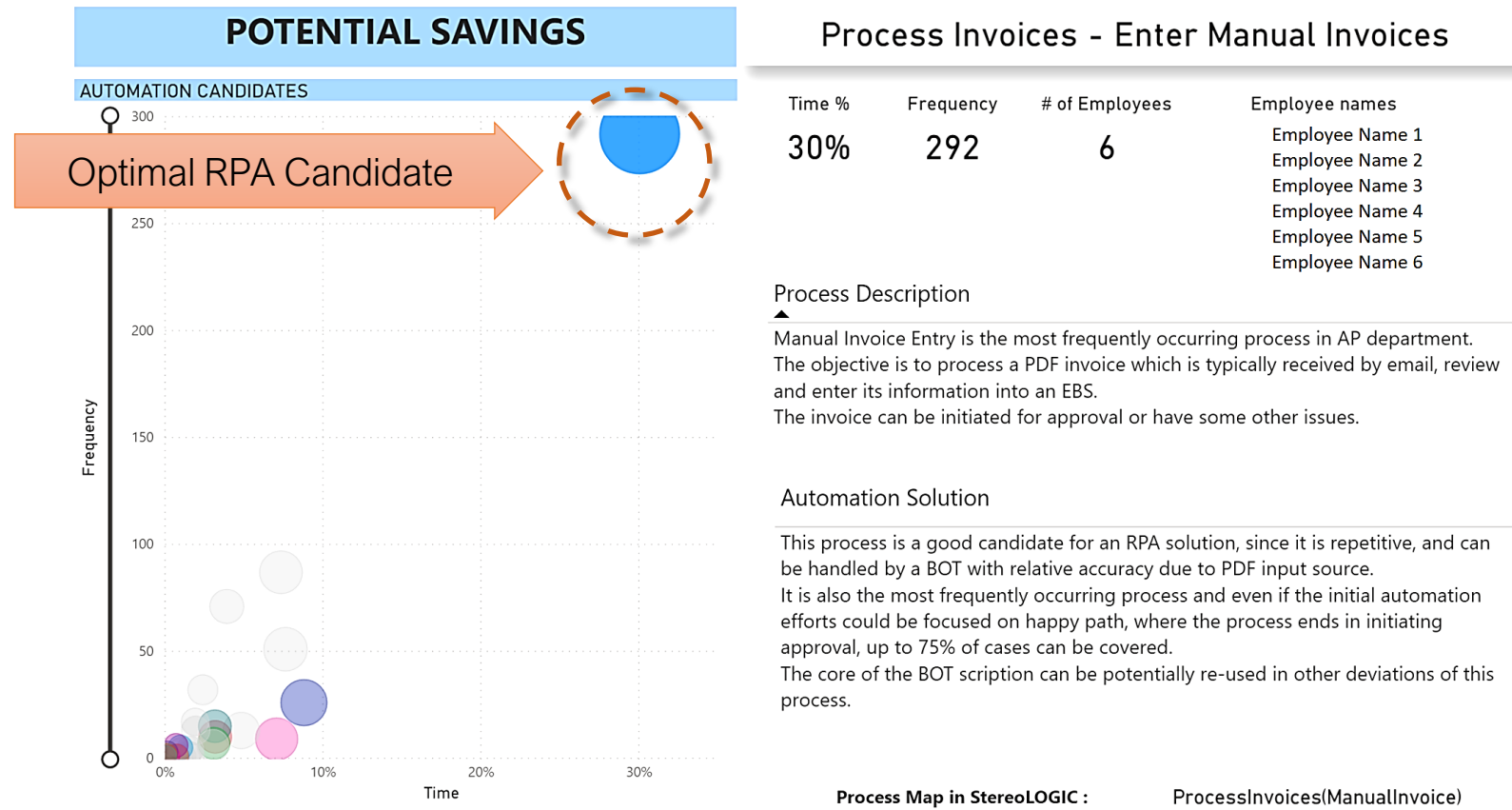
### SUB TASKS DISCOVERED by ROLE, hrs

Task	AP Associate I	AP Associate II	MDM Associate I	Travel Financial Analyst	Total
<b>Administrative Requests</b>				0.74	0.74
Modify User Roles				0.19	0.19
Review Users				0.55	0.55
<b>Data Load</b>	0.25				0.25
Prepare Xls And Load To Dataloader	0.25				0.25
<b>Invoice Escalations</b>		0.08			0.08
Review Invoice Details		0.08			0.08
<b>Meeting</b>	0.96				0.96
Daily Team Meeting	0.96				0.96
<b>Process Contracts</b>				0.61	0.61
Approve & Send				0.61	0.61
<b>Process Expenses</b>		6.40			6.40
Approve Expense Reports		5.93			5.93
Approve Past Reports		0.06			0.06
Escalate To Management		0.29			0.29
Return To Requestor		0.12			0.12
<b>Process Inquiries</b>		1.02			1.02
<b>Total</b>	18.73	55.52	2.83	7.29	84.37

# Prioritizing Process Candidates based on Time & Frequency

StereoLOGIC provided not only Time for each sub-task but also its Frequency.

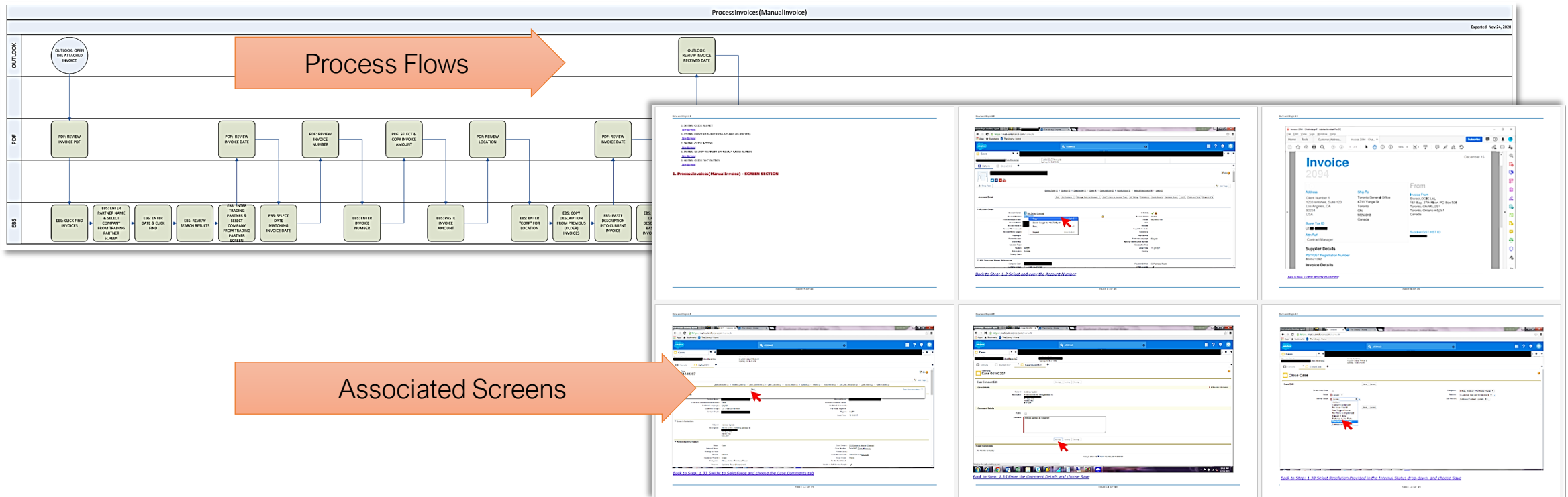
Enter Manual Invoice was chosen as the top RPA candidate because it has the highest Frequency & Time parameters. Potential FTE savings and ROI for 6 employees working with this process were calculated.



# Process Maps and PDD

StereoLOGIC auto-generated detailed Process Maps & PDD. These outputs were validated by AP SME and their accuracy was confirmed.

The Process Maps and PDD include complete information for bot development: process flows, steps, applications, screens, user inputs and other details, as well as allow estimating the complexity and risks associated with the selected automation candidate.



# Final Results & Project Deliverables



StereoLOGIC automated the following tasks:

- Discovery of all tasks performed by the AP's team and measure their Time and Frequency
- Prioritization of candidates for automation
- Calculation of FTE savings and ROI
- Generation of Process Maps and PDD documentation

Using StereoLOGIC, Company **accelerated the bot development**. The bot development time (*from the start to a live AA bot presentation*) was reduced **3X** from over **11 weeks to 4 weeks**:

	Traditional / Manual	StereoLOGIC
Process Discovery	4 weeks +	5 days
Process Candidate Prioritization	<i>Ad Hoc ~2 weeks</i>	3 days
Process Mapping Documentation	2 weeks	2 days
Bot PDD Preparation	1 week	0.5 days
Automation Anywhere Bot development	2 weeks	2 weeks
PDD Accuracy	Some exceptions are missed	Complete, Accurate
<b>Total Time:</b>	<b>11 Weeks+</b>	<b>4 Weeks</b>

StereoLOGIC helped Company to improve selection of RPA candidates based on precisely measured ROI. The selected RPA candidate provides **FTE Savings of 30%**.