VSM Software Pvt. Ltd.

Data Compilation using RPA for a major
Medical Device Company

Business Context

Our client a major Medical Device company had a tedious process to handle sales data received from Customers. The files are received through mail. The files need to be downloaded, complied into a consolidated file across customers and then maintain status of receipt.

Challenges

Our client receives several hundred files and the same needs to be checked and consolidated. The challenges faced were:

1. The time taken to download all the sheets from individual Customer was high. Need to focus on email to download all the sheets from different vendors.

2. Here all the excel data sheets are password protected. There are two separate passwords for two kinds of formatted excel sheets. Passwords need to be used, to copy all the data which consumes more time.

3. Some of the columns need to be copied to the compilation file. When manually done, there is possibility of error

4. 2 resources' time had to be allocated to this process which can be utilized for other activities

5. Considering it is repetitive task it became quite tedious to handle

6. A status report also needs to be prepared on the data received and when manually done, some of the update was getting missed out

Each of the above had to be handled by our team with great support from the client, for a successful roll out. Our RPA Solution could solve these challenges

Our Solution

To mitigate the challenges, we implemented Robotic Process Automation using Uipath. The steps being followed manually was fully automated. The steps involved were

1. Auto download all the attachments from the respective email.
2. After separating all the files as type 1 and type 2, bot will iterate through all the type 1 files, auto fill the password and read individual sheets.
3. Copy data from all type 1 files and paste into compilation file in two respective Sheets.
4. Auto save the file.
5. Same process will be repeated for type 2 files and data will be copied into Compilation file.
6. After all the process is done, the files present into type1 and type2 folders are moved into separate location as backup.
7. As compilation is being done, the status update for receipt is also completed by the bot

Benefits from our Solution

There are several benefits:

1. Bots are faster. They follow the steps in the same order with no deviation or distraction
2. Bots work 24/7 with no break, so the number of bots needed are far less than the number of manpower required
3. Bots don't experience fatigue. The repetitive task is performed with no mistakes

Key statistics

Parameter	Manual	RPA
Per record	180-300 seconds	27-60 seconds
Average working hours	9-10 hours per day per person	24 hours per day per bot