

Client:

Technology Manufacturing Company

Project:

Automate accounts payable process with Robotic Process Automation (RPA)

Duration:

2 weeks

Industry:

Manufacturing

Overview:

The client is an innovative technology company which provides an online platform to control & manage entire PCBA manufacturing processes. Which makes new & high-volume production processes easier. The manufacturing platform connects thousands of businesses directly to the manufacturing floor.

The Challenge:

The business was growing rapidly and was processing about 400 invoices a month. All the invoices were processed manually. It took about 4 minutes to enter an invoice to the accounting system manually. The manual system was inefficient, and the management recognized that the invoice processing cost will go up as the business grows.

The Solution:

Perituzo has designed and implemented a Robotic Process Automation (RPA) solutions to automate invoices processing activities. The software solutions read the invoice file and extract necessary data elements and enter into the accounting system and attach the invoice. This solution was implemented within two weeks.

Technologies Used:

UiPath, C#, Web API, QuickBooks Online API, Microsoft Azure Cloud

Project management and communication tools used:

JIRA, Bitbucket, GoToMeeting, Direct dial phone, Email

The Results:

The client was able to process an invoice within 4 seconds. This was a 98% productivity gain resulted of saving 40 man-days per year. Also, the RPA invoice processing solution is highly scalable.

	Before (manual)	After (with RPA)
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No. of invoice/month (Gigi Key & Mouser)	400	400
Avg. time takes to process an invoice	4 minutes	4 seconds
Total processing time (hrs.)/months	26.67 hours	0.44 hours
Total processing time (days)/months	3.33 days	0.06 days

Time saved % per invoice = **98%**

Time saving per year (approx.) = **40 days**

Financial savings (soft dollars) = **\$28,000/Year** (40 X cost of man-day*)

*Total hourly cost of man-day (accountant) = \$70