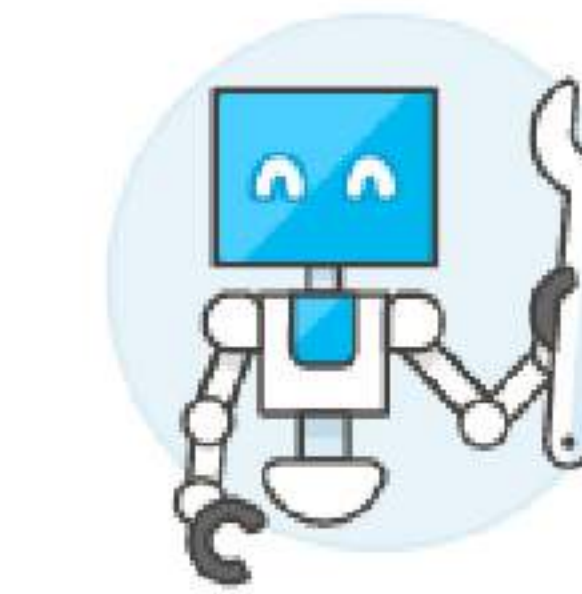# APAC'S LEADING MANUFACTURING COMPANY ENHANCED OPERATIONAL EFFICIENCY, REDUCED COST AND IMPROVED EMPLOYEE PRODUCTIVITY WITH RPA

CASE STUDY

A ROBOTIC PROCESS AUTOMATION CASE STUDY

The oldest and one of the largest producers of pistons, piston rings, gudgeon pins & cylinder liners, and allied components in India enhanced their invoice processing with an end-to-end automation solution in order to minimize the invoice processing time, reduce operational expenses and eliminate human errors.

PROBLEM STATEMENT

Founded in 1949, our client maintains its leadership position in the domestic automotive market in India and expands its customer base by consistently scaling up its engineering prowess and performance standards.

Being the oldest and one of the largest producers, the client received an increasing number of invoices from hundreds of vendors in different formats from across the globe. However, their existing on-premises business application software and proprietary systems struggled with unstructured data and diverse input formats, consuming significant man-hours, involving 80-100 FTEs, processing the invoices flawlessly.

To overcome this challenge, the client aspired to automate the entire invoice process in the existing IT setup with the best technology, which is scalable, secure, easy to use, and also offers ongoing support.

The client considered different options to streamline the invoice processing and finally decided to go with RPA and was on the lookout for a technology partner for end-to-end implementation and support.

BUSINESS GOALS

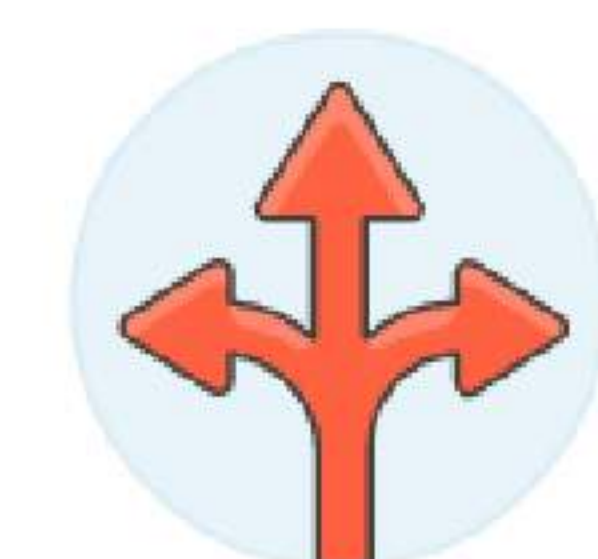- Substantially improve compliance, thus saving multiple error costs

- Reporting of failed processes, savings, and productivity metrics

- Improve supplier relations with shorter invoice cycle

- Smooth financial closing and reporting

- Ease of use, maintenance, and highly scalable solution

SOLUTION

Our team of highly experienced RPA engineers studied and analyzed the existing invoice processing and IT infrastructure of the client and implemented an RPA framework.

With robotic process automation, the bot logs in to the necessary systems and pick-up incoming invoices every day from an email box and online shared drives. (scanned invoices) Further, the bots scan, digitize, validate, and extract necessary data elements for reporting overall processing metrics, including total invoices processed, failed processes, and overall productivity stats.
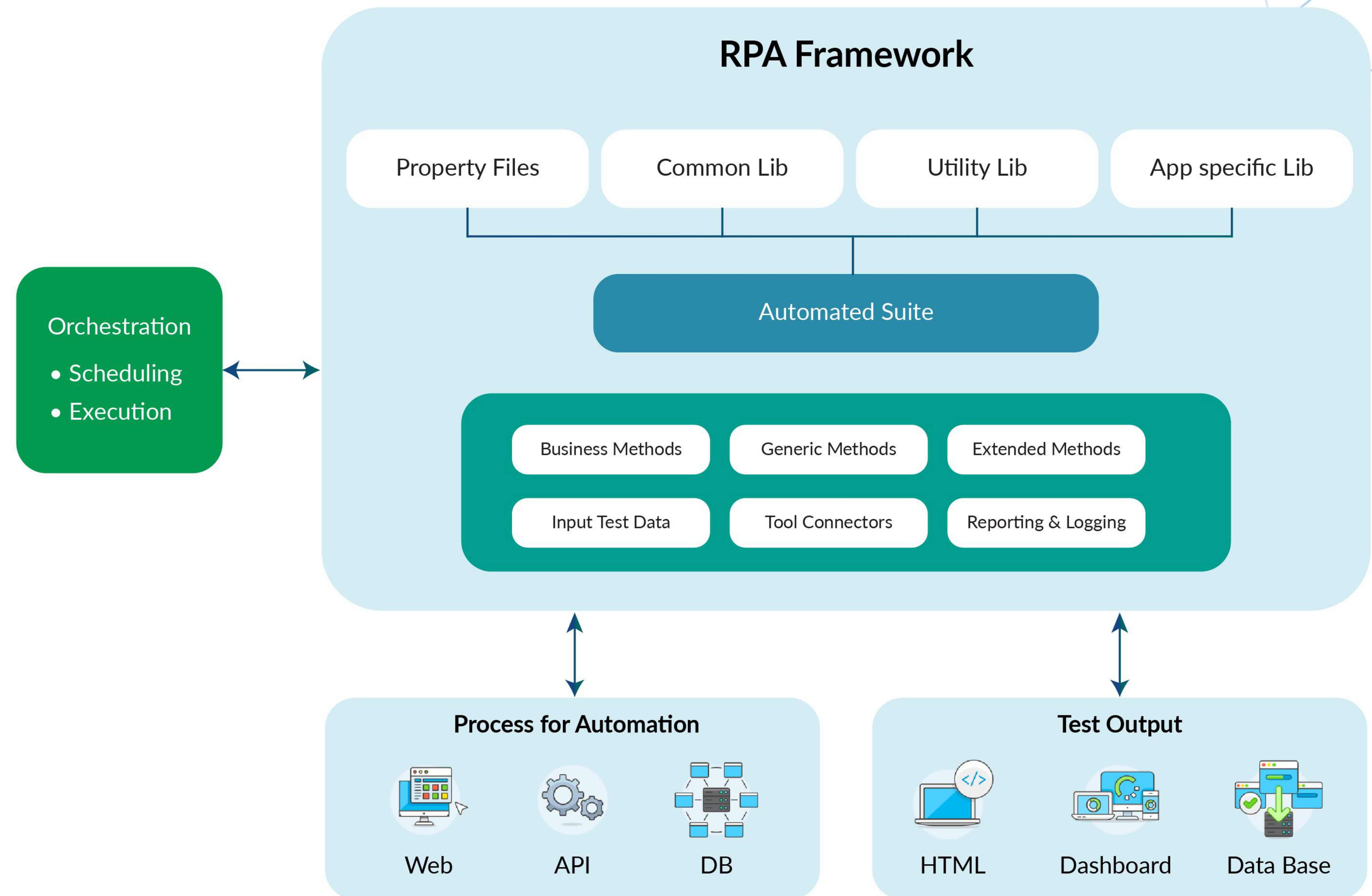
With the implementation of RPA, the turn-around time of invoice processing decreased drastically and helped bill customers faster to maximize revenue by ensuring accuracy in every invoice dispatched.

SOLUTION

Zuci's RPA Framework Architecture

RPA Framework

Property Files | Common Lib | Utility Lib | App specific Lib

Automated Suite

Orchestration
- Scheduling
- Execution

Business Methods | Generic Methods | Extended Methods

Input Test Data | Tool Connectors | Reporting & Logging

Process for Automation

Web | API | DB

Test Output

HTML | Dashboard | Data Base

HOW ZUCI SYSTEMS HELPED?

Gathered requirements and understood the existing invoice operations workstreams

Identified the error-prone, time-consuming, and mundane tasks

Evaluated different RPA tools that best fit the existing on-premise application without further increasing the cost of upgrading to newer technology

Deployed unattended RPA bot to scan, digitize, validate, and extract from the invoices

Enabled web-based workflow system for auto movement of invoices

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HOW ZUCI SYSTEMS HELPED?

Standardized extensive coverage across web, desktop, and API products

Test execution orchestration was enabled for manual, scheduled, and third-party tools (via API)

Provided stakeholders with a dashboard to view blocked or parked invoice logs separately, which needs manual intervention along with process completion emails

Provided a walkthrough to the client after end-to-end installation

Ongoing support to stakeholders with workshops and Q&A sessions

BUSINESS OUTCOME

90%
reduction in effort

100%
transaction accuracy

98%
payment requests
processed within TAT

77%
faster account
reconciliation

ZERO
data entry errors

ROI realized in
6 months
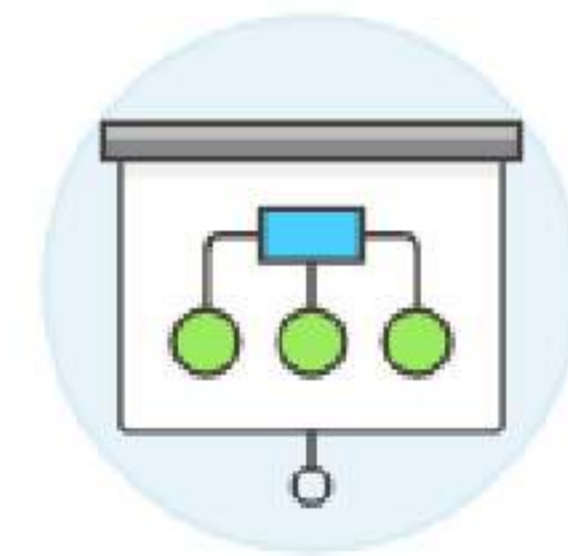
ZUCI SYSTEMS

GET STARTED ON YOUR RPA JOURNEY TODAY!
TALK TO OUR RPA EXPERT AND SEE HOW YOU CAN GET STARTED.

Book a Consultation →

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