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Transforming Efficiency in the Accounts Receivable and Finance of the Steel and Iron Distribution Industry through RPA: A Case Study

In this introduction to our case study, we'll dive into a real-world example of a Manufacturing industry customer who harnessed the power of Power Automate and AI Builder to streamline their Accounts Receivable process. It's important to note that this customer uses SAP Business One.

This case study takes a closer look at how this automation journey unfolded, showcasing the remarkable changes brought about in the realm of Accounts Receivable and Finance. We will examine the time saved, reduction in errors, and the optimization of operations to enhance efficiency, all tailored to the unique needs of our Manufacturing industry customer using SAP Business One..

At a glance

Customer: Service Metal Products

Website: https://servicemetal.net

Customer size: 500 employees

Country: St. Louis, Missouri

Industry: Suppliers & Distributor

Products and services: Power Automate, AI Builder

SynapseIndia, Service Metal, and Power Automate

Customer challenges

Our client encountered a substantial operational challenge within its accounting and finance department. The task involved processing incoming vendor payments based on bulk remittances that arrived with a multitude of invoices, each remittance copy containing details for nearly 800 vendors. Manually inputting this extensive data into their SAP Business One (SAP B1) system proved to be resource-intensive and time-consuming, taking several weeks to complete.

Partner solution

Our client engaged our team of experts to deliver an innovative and effective solution. Leveraging Robotic Process Automation (RPA) in conjunction with Microsoft Power Automate and AI Builder, we implemented an automated system that seamlessly handled incoming vendor payments.

AI-Powered Data Extraction: Utilizing AI Builder, the system intelligently extracted critical information, including invoice details and vendor data, from the scanned remittances.

Data Processing with Power Automate: The extracted data was then seamlessly integrated into Microsoft Power Automate, orchestrating the entire data entry process into the SAP B1 system.

Customer Benefit

Efficiency and Time Savings:
By automating this complex and resource-intensive task, Our client reduced the time required to complete vendor payment entries from weeks to just a few hours.

Error Reduction:
The automated process significantly reduced the risk of human errors in data entry, ensuring greater accuracy and data integrity.

Resource Optimization:
With RPA in place, Our client could reallocate human resources to more value-added tasks, increasing overall departmental efficiency.

✓ **AI Builder for Data Extraction**: AI Builder was trained to recognize and extract data from diverse vendor remittance formats.

✓ **Integration with Microsoft Power Automate:**
Power Automate orchestrated the data flow from AI Builder to SAP B1. It provided notifications and alerts for progress tracking.

✓ **RPA for Automated Data Entry:**
RPA bots replicated human actions in SAP B1 data entry with accuracy

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