V-SOFT CONSULTING

Case Study

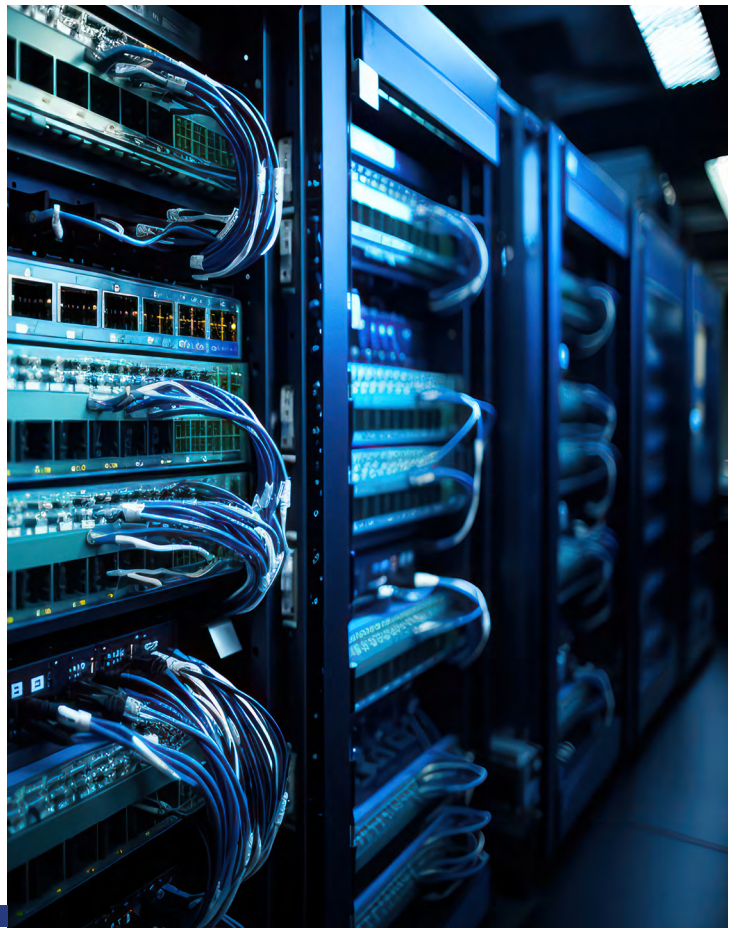
A Multi-bot Robotic Process Automation Architecture

COMPANY OVERVIEW

The client is a leading European company providing sustainable and efficient energy and electrical solutions. Integrating leading-edge processes and energy technologies into interconnected assets, our client is recognized as a reliable integrated energy management services provider for homes, buildings, data centers, infrastructure, and industries.

CHALLENGES

Our client encountered significant challenges in maintaining multiple vendors and approximately 13,000 accounts. They have experienced time-consuming and tedious manual administrative processes, resulting in ineffective productivity. Moreover, due to a lack of automation, gathering, organizing, and tracking invoices, and Accounts Payable (AP) management, our client faced significant challenges to drive optimal resource utilization and operational excellence.



SOLUTION

After closely collaborating with the client and interpreting their challenges, V-Soft developed and implemented Robotic Process Automation (RPA) bots to streamline and automate repetitive administrative processes. These bots are proficient in automatically initiating site launches, executing logins, navigating through interfaces, and downloading essential data, thereby making the process efficient.

Moreover, V-Soft's multi-bot RPA architecture enabled automatic management of invoices, resulting in faster processes with zero errors in data. These process automation bots can extract various data, such as service dates, vendor names, account numbers, and file names from different sources. This well-organized and streamlined process ensured efficient data handling and fetching when needed.

RESULTS

Our RPA-enabled automation solution allowed the client to process nearly 13,000 vendor accounts within 8 hours. Such a faster and automated process ensured a 42% boost in productivity and optimized resource utilization. Additionally, the automated process reduced the scope for errors and operational risks, thereby enhancing the overall service quality. Our innovative multi-bot architecture exhibited exceptional scalability, leading to an impressive 64% reduction in costs for the company.

42% Boost in productivity

64% Performance optimization

Technologies Used

- RPA
- C#
- Blue Prism
- JavaScript