

Home Improvement Company Success Story



Home Improvement Company Implemented a Power Platform Solution Integrated with SharePoint and Power Automate to Meet its Business Needs

The client is a home improvement company that originated in the US. Their expertise lies in designing custom-made windows, doors, and siding to meet unique home needs. They have been in this industry for more than 15 years, and since then, they have been providing upgrading services to homeowners for their most important asset; homes.

The company aims to provide top-notch customer service at every touch point and seeks to invest in powerful software to optimize and automate its internal and external processes so that employees can focus on providing the highest standard of service to the homeowner.



Automating Business Process to Increase Efficiency

Imperium Dynamics designed a model-driven app, Power Platform solution integrated with SharePoint and Power Automate to digitize the manual labor-management process of keeping excel based records of labor-created quotes.

Before the deployment of the solution, the company managed everything manually, from assigning the printed installation form to install crews, to them filling it out, scanning it, and submitting back to the office. Also, the company was manually populating the quotes from the company's custom measure app and updating the changes in estimated and job labor items. Managing all of it for up to 200 project-based install crews was a difficult task.

Furthermore, there were multiple instances when an estimated cost calculated by the install crew differed from the actual cost. Calculating the changes and taking clients on board was time-consuming and would result in delayed payment to the company and, eventually, to the vendor. Sometimes, the company had to pay a difference. It was an added cost for them. The home improvement company needed a custom cloud-based solution to identify the install crews causing a change and increasing the average and eventually take measures accordingly.

Integrations for Effective Business Management

Furthermore, Imperium Dynamics also designed a labor-management workbook with built-in functionalities to reduce the time and effort required to add, delete, or modify the records. The labor workbook had a revision history functionality enabled to keep track of changes in Job labor items overcoming the need to maintain separate excel sheets after every change. It also incorporated the timeline functionality of Power Apps to allow labor to post notes, records, and activities relating to contact and quote, ensuring everything is in one place. Moreover, it also had real-time analytics functionality added to enable the company to view labor records at a glance. Furthermore, the solution has a custom word template embedded, with company's branding, to extract and download relevant quote information and share it with relevant customers without a hassle. The solution's integration with SharePoint enables the company to get, store, and share documents effectively through the SharePoint server.



Overall, it is a custom-made solution designed on the stack of Power Platform and Dynamics 365 to meet company's labor and quote management needs.