



Automate: Process Automation Case Studies

Using digital technology, we deliver rapid, cost effective and scalable automation solutions.

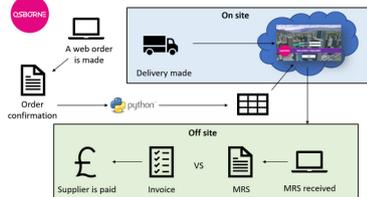
There is an increasing appetite from organisations to automate processes using digital technology, from using Python embedded in O365 applications through to Robotic Process Automation (RPA). The following case studies blend Python, PowerApps and RPA to deliver rapid, cost effective and scalable automation solutions within a project environment.

RPA is a tangible and accessible way to minimise repetitive and manual tasks. It is a low-cost solution where robot software replicates the actions of a human carrying out a digital process. It can extract content and data, validate data, interact with applications, move files and folders, copy and paste and much more. It is a great way of automating processes and improving data quality without needing to implement large scale corporate systems. This is just one of the ways that we are applying technology to improve project delivery.

Delivery Note Processing

Problem

- The Osborne buying team processes nearly 5,000 orders comprising over 16,000 individual items.
- Items were manually entered into the system and delivery notes matched to an invoice to ensure timely payment.
- Errors were made when copying the delivery notes.
- Data is passed around using email.
- An on-site member of staff has to spend time typing out the delivery note.



Benefits

- Errors have been eliminated as the text is stripped using custom parser from the order confirmation.
- The whole process is automated, relieving the burden of typing out notes.
- Data is now stored in the cloud rather than by email.
- Allows staff to spend their time on less repetitive tasks.
- Potential to save Osborne £80,000 p.a.

“ Projecting Success helped us to automate one of our manually intensive processes. It has the potential to save Osborne £80,000 p.a. and allows the team to focus their time on more rewarding tasks. ”

BIM Model Federation

Problem



- BIM model federation is a repetitive task at Kier Major Projects.
- Staff manually download and extract models, then email stakeholders when they were ready.
- BIM models are updated weekly by Quality Surveyors and Architects.
- A protracted multi-stage process whereby the project's BIM Manager would log into BIMXtra, download all the updated models, extract them, and then open them in various software packages. Finally, the old files would be archived and the team informed via email that the new models are ready.

“ This is a great example of how science can help eradicate mundane tasks, saving time to spend on higher value work. Projecting Success have automated a crucial process and saved us 3 hours per week on a single project! ”

Benefits

- Automated this crucial process involving 71 steps.
- Saved 3 hours per week on a single project.
- Streamlined a complicated process that used 3 systems working in conjunction.
- No need to login and interact with any systems.
- The team is kept up to date with this vital process.
- This was taking Kier 50 hours a month for 6 projects and this has been reduced to zero.

Contact us now to discuss how we can help you to streamline your organisation's processes.

Leveraging the Experience of the Past to Transform the Future