

Case study: HIRO Cloud application development



The Opportunity

Prior to engagement with 4impact, the Hiro codebase had been entirely written by a single developer in an on-premise environment without the support of an agile development framework.

Successful delivery of the new project goals would require transitioning the structures for code delivery to one that would enable a project team with defined agile roles to operate effectively.

Operating as a start-up, Hiro could not be burdened with unnecessary ongoing expenditure or baggage, so project agility and focus were key.

4impact's Approach

Upon engaging 4impact, Hiro already had around 100 on-premises users and they sought creative and cost-effective proposals to 'develop to cloud' without mandating specific architectural designs.

Aiming to commercialise Hiro into an ERP platform the project sought a scalable cloud product with minimal user friction during the migration of existing users.

4impact conducted a review of the codebase before presenting innovative solutions.

Key Services utilised

- Software Development
- DevOps
- Project Management
- Business Analysis

Key Technologies utilised

- Azure Cloud Services
- PHP
- Node JS
- REST
- Microsoft Graph
- C#
- COM Add-in

Key Toolkit

- Azure Cloud Services
- Pipelines
- App services
- Function apps
- Table and blob storage
- Sql databases



Key Outcomes and deliverables:

Three key outcomes were identified by 4impact at the outset of the project:

1. Post reviewing the existing back-end architecture, design and deliver a modern back-end cloud architecture for the purpose of commercial scalability.
2. Develop new user-interfaces to enable multi-tenanting and the ability for customers to edit information that is currently hardcoded into the existing software codebase.
3. Iterate the existing codebase to deliver a set of new features focused on producing invoices for project-based work that will be desired by minimal-viable product (MVP) customers.

Key project statistics and success insights:



ON-TIME

FULL SPECIFICATIONS
DELIVERED WITHIN
PROJECT TIME FRAMES



SCALABLE

MODERN CLOUD-BASED
SOLUTION TO SUPPORT
GROWTH



ENHANCED

NEW FEATURES RELEASED IN
PARALLEL WITH CLOUD
MIGRATION



RELIABLE

MOVED FROM ON-PREM
TO FULL CLOUD
ENVIRONMENT



FUTURE PROOFED

STRONG AND ROBUST
FOUNDATION



CO-CREATION

HIRO PRODUCT OWNER
EMBEDDED DIRECTLY
INTO THE PROJECT
TEAM

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The 4impact Advantage.

4impact is a consulting and technology services business with a primary focus on the delivery and implementation of complex technology projects. We value relationships - with our consultants, with our clients, and with our suppliers and partners.

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