

Case study: HIRO Cloud application development

Sida⁴

The Opportunity

Prior to engagement with Sida4 (as 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.

Our Approach

Upon engagement, Hiro already had approx. 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.

A review of the codebase was conducted prior to presenting our innovative solutions.

Key Services utilised

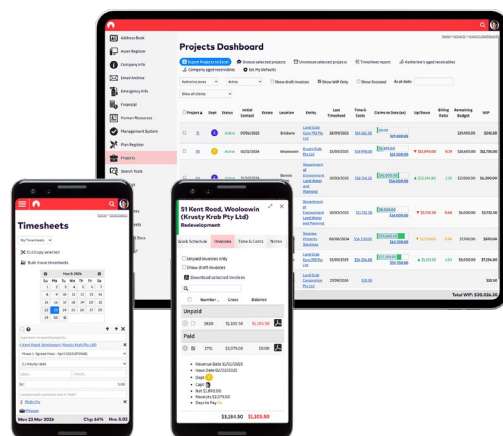
- Software Development
- DevOps
- Project Management
- Business Analysis

Key Toolkit

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

Key Technologies utilised

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



NOTE: NOTE: This project was originally delivered under the 4impact brand and is now represented by their *data enablement and integration* focused sister company, Sida4.



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Key Outcomes and deliverables:

Three key outcomes were identified 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

Sida4 and 4impact

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