

# Getting started with the Power Platform



- An introduction to Microsoft Power Platform
- Different types of apps available including canvas apps, model-driven apps and Power Apps portals
- Robotic Process Automation (RPA) and Azure Logic Apps
- See how Bridgeall helps customers with the Power Platform with examples and use cases
- Making the business case

# Bridgeall - Introduction



Modern Intelligent Workplace



Managed IT Services & Support



Products



## Advise

We review and advise on the best options.



## Implement

We implement the best and most cost effective solutions.



## Support

We provide on-going IT and solutions support.

# Bridgeall - Introduction



Microsoft  
Partner



Gold Data Platform  
Gold Data Analytics  
Gold Cloud Platform  
Gold Application Development  
Gold Application Integration

Gold Cloud Productivity  
Gold Enterprise Mobility Management  
Gold Windows and Devices  
Gold Datacentre  
Gold DevOps

Silver DevOps  
Silver Collaboration and Content  
Silver Small and Midmarket Cloud Solutions  
Solutions



ISO9001 Certified



ISO27001 Certified



# Our customers



WHYTE & MACKAY



CentralMarketAgency



SCOTTISH  
BALLET





# Power Platform

# Why Power Platform

The low code platform that spans Microsoft 365, Azure, Dynamics 365, and standalone apps.



**Power BI**  
Business analytics



**Power Apps**  
App development



**Power Automate**  
Process automation



**Power Virtual Agents**  
Intelligent virtual agents



**Power Pages**  
External-facing  
websites



**Data  
connectors**



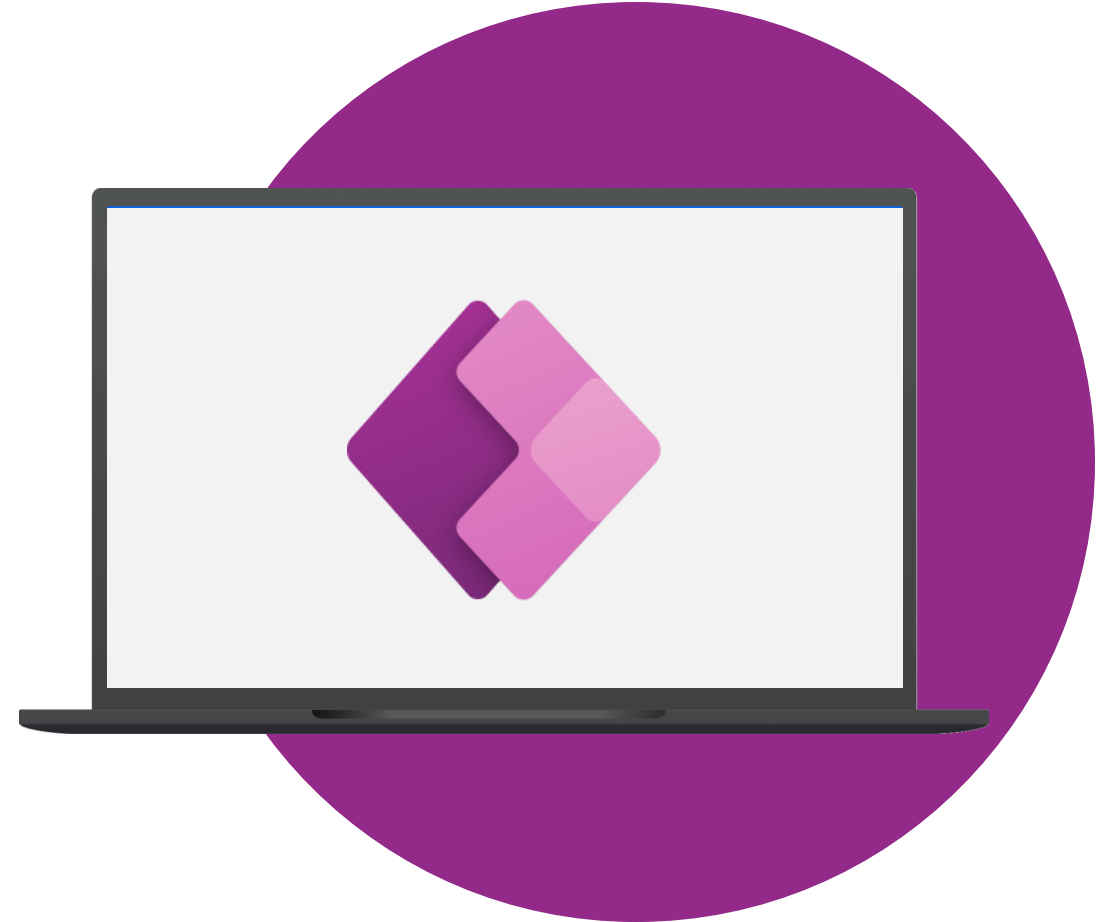
**AI Builder**



**Dataverse**

Power Apps is a low-code solution for simple custom app development. It can empower business users to quickly create a tablet or mobile-friendly app to solve a specific business problem.

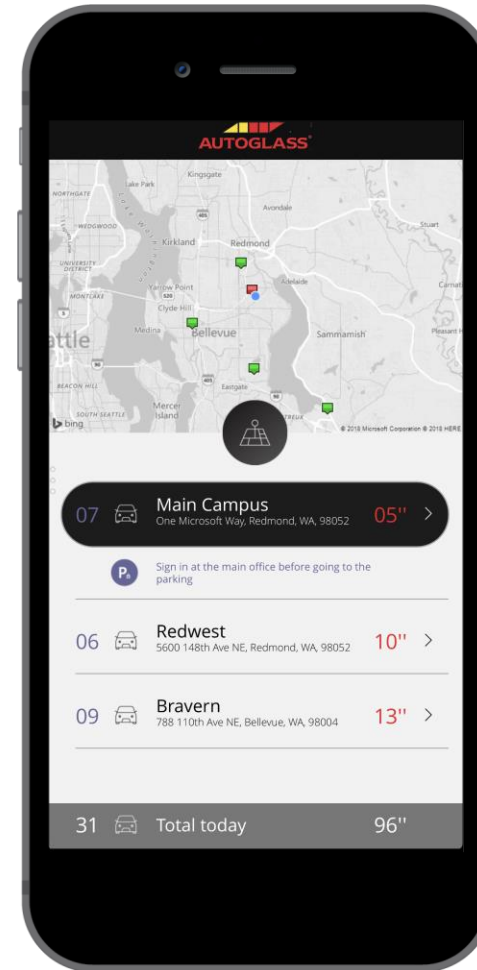
- Build and deploy apps easily
- Cross platform access
- Mobile access - Power Apps are designed to be accessed across mobile/tablet devices or a web-based browser





# Anatomy of a Power App

- Any platform support
- Share apps like documents
- Seamless integration
- Simple design experience
- Data connectivity
- App logic



Power Automate allows you to create workflows that automate tasks between Microsoft services or other third-party applications.

- Streamline repetitive tasks
- Securely work with data
- Save time with Robotic Process Automation (RPA)



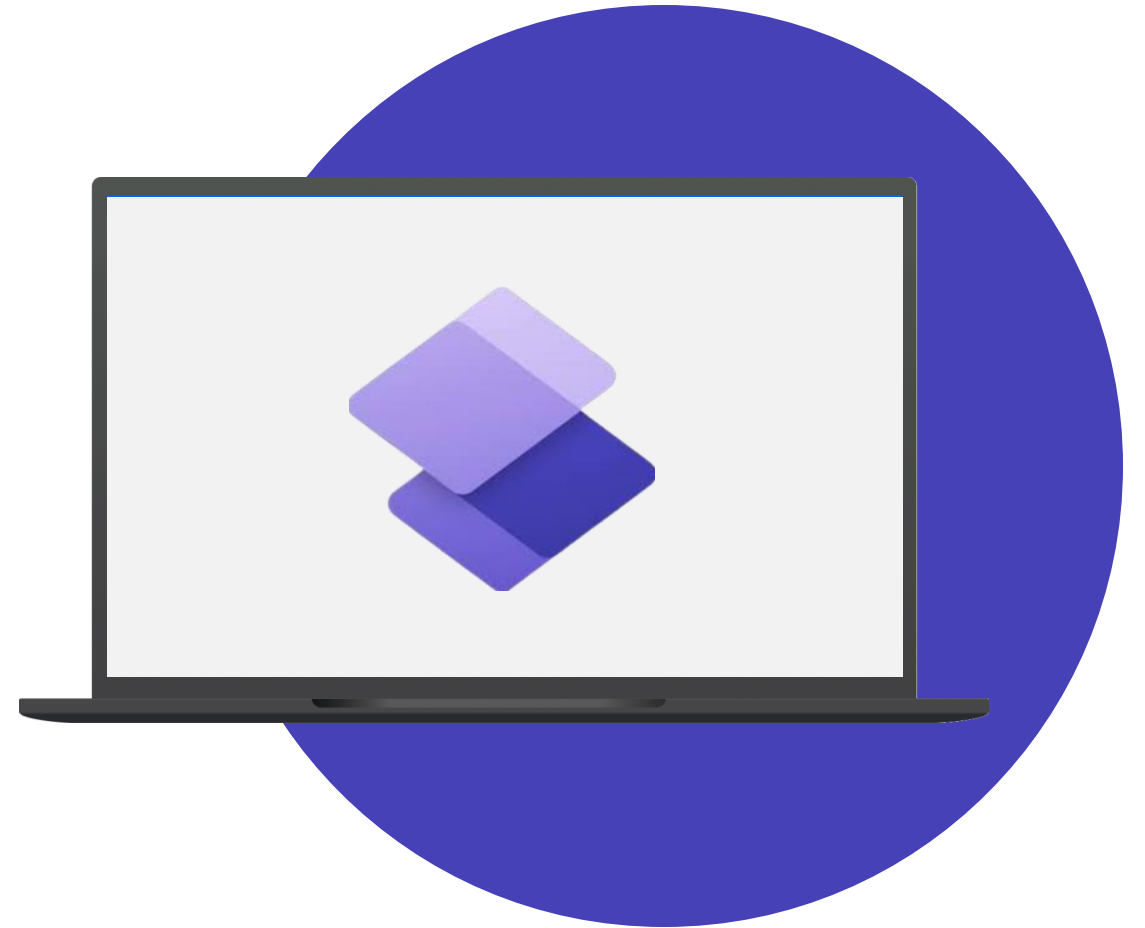
Power BI allows you to create interactive data visualisations tailored to your organisation and industry.

- Create personalised dashboards
- Get data in real-time
- Seamless integration with your existing analytics



Create secure, low-code business websites.

- Create in Design Studio
- Build with template hub
- Build with pro tools
- Ensure security and governance



Dataverse lets you securely store and manage data that's used by business applications.

- Easy to manage
- Easy to secure
- Access your Dynamics 365 data
- Rich metadata
- Logic and validation
- Productivity tools

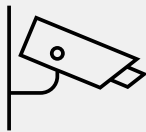




Authentication



Authorisation



Auditing

Security



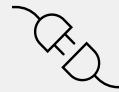
Calculated  
& Rollup  
fields



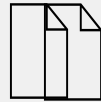
Jobs



Business rules



Plugins

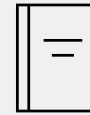


Duplicate  
detection



Workflows

Logic



Catalog &  
discovery



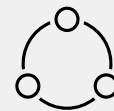
Modeling



Reporting



Data  
validation



Common Data  
Model

Data



Files & blobs



Relational  
databases



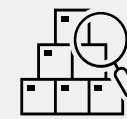
Semi-structured  
data



Log files

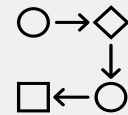


Data lake



Search &  
find data

Storage



Eventing



Webhooks



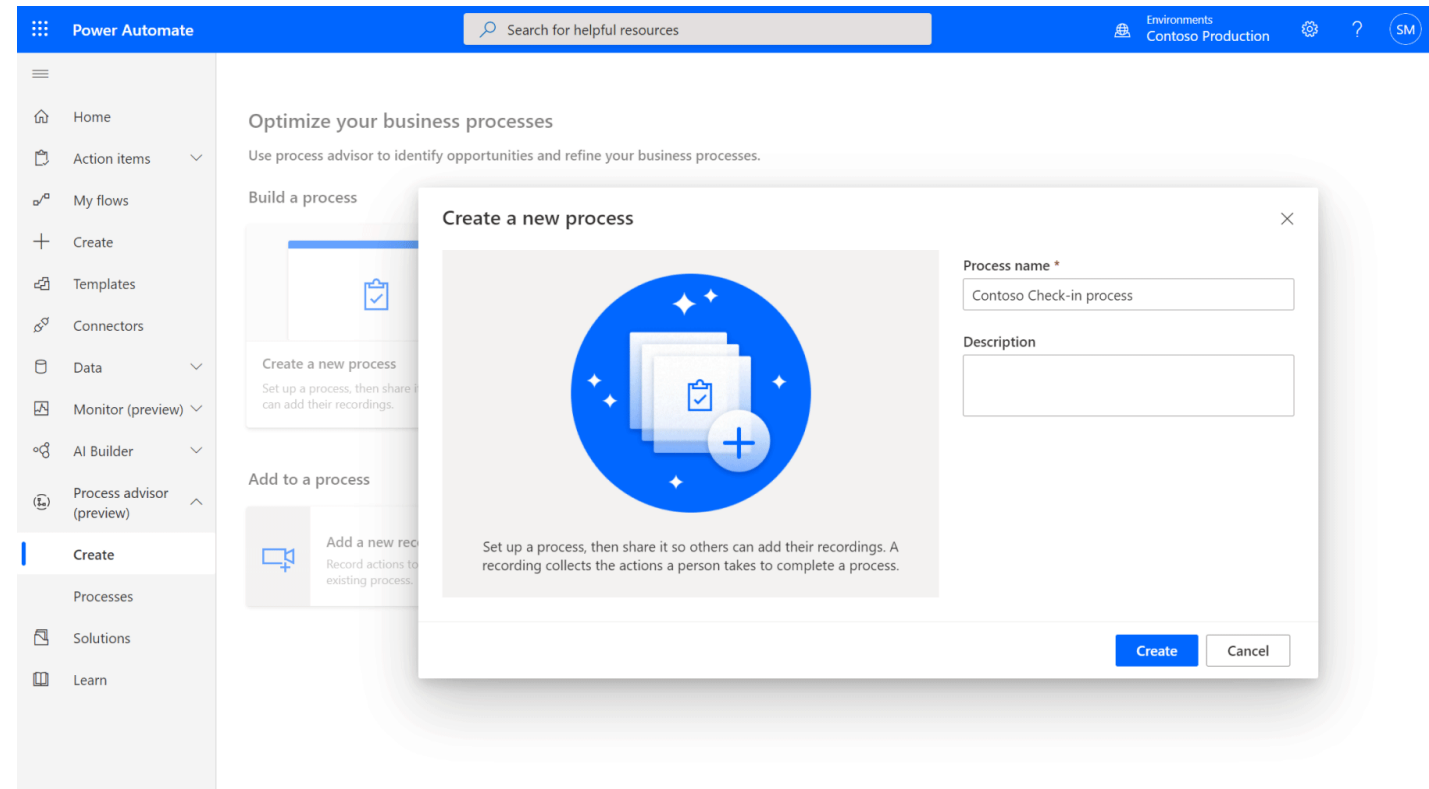
Data export

Integration

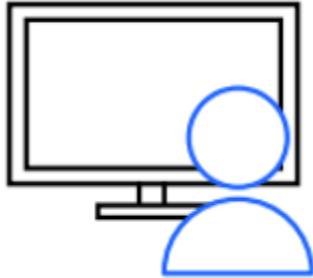
# RPA (Robotic Process Automation)

# Robotic Process Automation (RPA)

- Carry out repetitive & time-consuming tasks
- Interpret & manipulate data
- No human input required







## **Attended RPA**

Runs on a user's PC to automate repetitive processes, allowing the user to correct any errors as needed.



## **Unattended RPA**

Runs with no user logged in. Workflows trigger in the background based on events that happen, and then run at any time in the cloud. It's used to accelerate automation of high-volume, repetitive tasks without lifting a finger.

# Use Cases/Demos

# Use cases



# Scotland's Housing Network

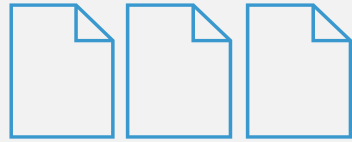
## – Model-driven app



### Challenge

Scotland's Housing Network were using multiple spreadsheets for member management and to manage client contact details. They required a solution to help bring together disjointed processes.

## Before:



Multiple Excel spreadsheets with staff at times creating duplicates.



One sheet was used to track membership information.



The next sheet was used to manage contacts basic details, what they were subscribed to and forums they attended.

## After:



Bridgeall put in a CRM system based off model-driven apps to create a new membership management application.



Provided a unified platform.



Our solution now helps the team with event management as well.

# Scotland's Housing Network Demo

# Whyte & Mackay – Customer Onboarding



## Challenge

Whyte & Mackay required a solution to simplify and manage their customer onboarding process.

## Before:



The spreadsheet used for onboarding was being sent to multiple departments before progressing to the next stage.



The process was long and cumbersome and could take up to several months.



As customers did not always supply the correct/incorrect information, there was more room for human error.

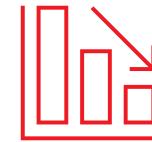
## After:



We merged all the processes so all departments could work simultaneously.



Reduced time of the process to a week for UK customers. The international check time was also reduced to less than 4 weeks.



Reduced touchpoints for human error.



[➔ Sign in](#)[Redeem invitation](#)

### Sign up with an invitation code

\* Invitation code

☐ I have an existing account

Register

Copyright © 2020. All rights reserved.

### Application

33%

### Invoicing Details

#### Contact Name and Details

Please provide a name and contact details for someone that we can contact in the event we have a query with any of the information provided on this page. For example, the finance team.

Contact Name and Details \*

Test

Email \*

Test@Test.com

Telephone \*

1234564323

#### Invoice Address

Same As Delivery Address

☐ No ☒ Yes

×

Test

1

Contact Information

2

Application Info

3

Registered Company Details

4

Invoicing Details

5

Delivery Addresses

6

Internal Sales

7

Internal CS

Delivery Addresses

1234  
Glasgow  
United Kingdom  
Test Account  
123456789

<

Whyte & Mackay Ltd

Is Information Complete?

Assigned To:Mark Hilson

Due Date :

Export

Assigned To:Mark Hilson

Due Date :

EU Receipt Checks

Assigned To:Mark Hilson

Due Date :

Task Name

Is Information Complete?

Description

Assigned To

Mark Hilson

Task Status

Completed

Delegate

Find items

# Capricorn Energy – Talent Management



## Challenge

Capricorn Energy were using a spreadsheet model to understand talent management and succession planning within the organisation.

The spreadsheet model had reached its limit, and Capricorn required a solution that helped bring all their data into one place and simplified the process.

## Before:



Capricorn built out the employee scoring method within spreadsheets. These sheets had reached their limit.



The team were expecting too much of a single spreadsheet which contained multiple formulas.



Complex and manual reporting process.

## After:



HR could administer the data, and line managers were able to carry out performance reviews.



HR can now report to senior management on progress.



Actions can be taken to inform future direction of employees.

# Sandstone (Grant Property)

## - Modern Data Platform



### Challenge

Sandstone required a modern data platform to gather stats for a regular board report on occupancy rates.

## Process before:



Manual process to generate occupancy rate report.



Relied on one person to generate the report.



When the report was requested, it took an hour to be generated and sent.

## Process after:



We built a solution that allowed Sandstone to generate the required report on demand.

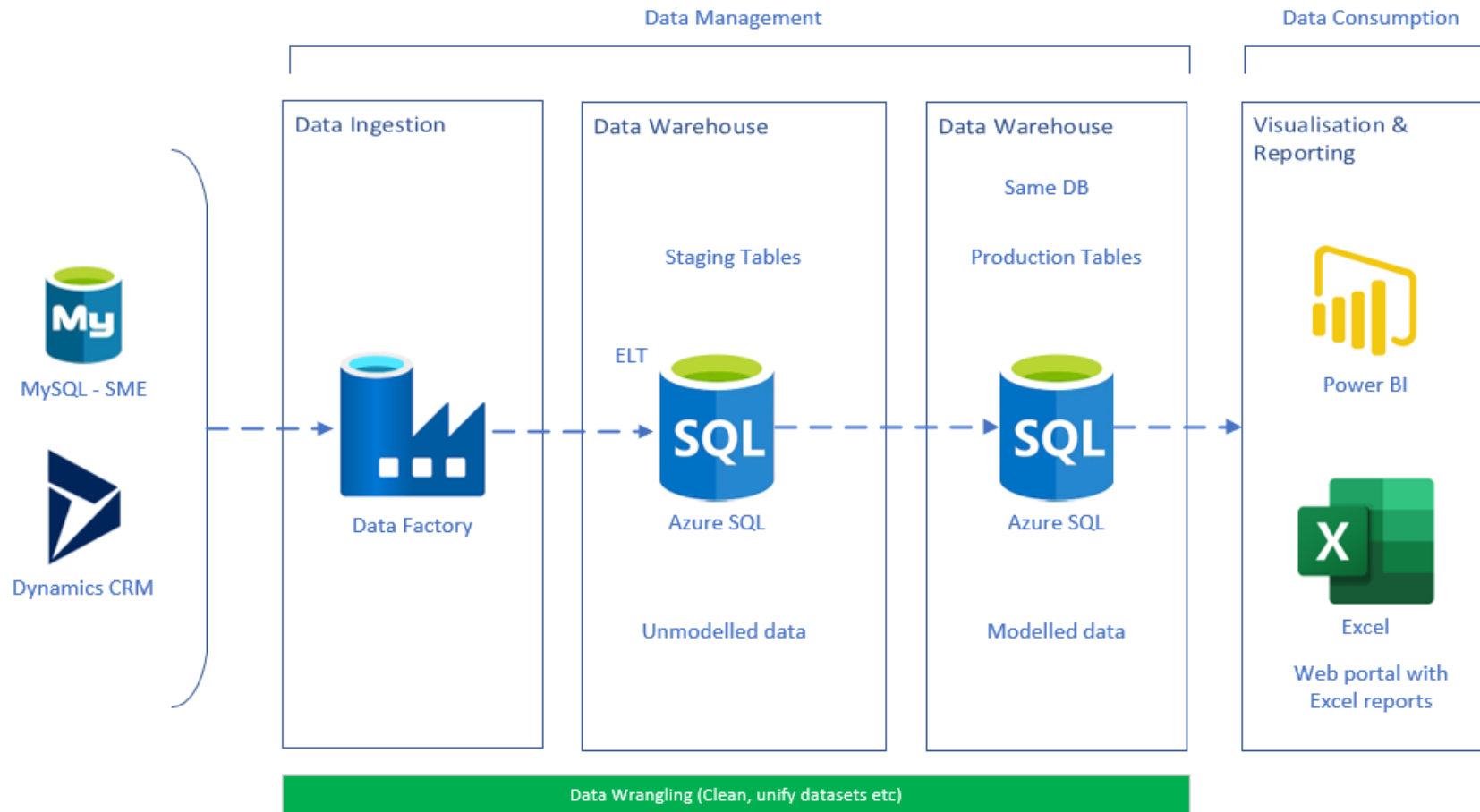


Anyone within Sandstone could access it.



Sandstone could also start building their own reports. We set up a platform that joined multiple data sources and that could be utilised using Power BI.

# Power BI Data Platform



# Occupancy Report



Occupancy Report as at: 20/05/2022

Client (All) ▼

Additional Options

## Occupancy Analysis

	Occupied		Unoccupied			
	Occupied	on market	Unoccupied	on market	(blank)	Grand Total
Await tenant move in	134		14			148
COT	94					94
Holding Over	16					16
In development	1	1	1	13		16
None	755	2		9		766
On hold	3		3			6
On hold/GP Sales	2					2
Pending withdrawal	3					3
Renewed	18					18
Renewing	18		1			19
Tenant check period	282	6	27			315
Vacating	11	282		1		294
On hold/In Development	4	1	3			8
(blank)	5	3				8
Renewing/COT	5	1				6
On Hold/Tenants in Situ	5					5
<b>Grand Total</b>	<b>1356</b>	<b>296</b>	<b>49</b>	<b>23</b>		<b>1724</b>

## Select Location(s)

Aberdeen	Birmingham
Bristol	Dundee
East Dunbartonshire	Edinburgh
Glasgow	Manchester
Nottingham	Salford
Stirling	(blank)

## Select No. of Beds

1	2
3	4
5	6
7	1
2	3
4	5
6	7

Based on Selected Criteria (if any)

Occupied	Occupied on Market	Unoccupied	Unoccupied on Market
78.7%	17.2%	2.8%	1.3%





# Identifying use cases

# Identifying use cases

What makes you a  
Power Platform  
candidate

Manual  
data entry

Unsure how to store &  
communicate information  
to your teams



Mobile  
workforce

Legacy  
systems

Repetitive  
processes

Multiple  
spreadsheets

Slow reporting process



Data  
validation

Customer self service



## Summary

- Effort
- Costs
- Savings
- Benefits

**£18,600**

Non-recurring costs

**£317**

Average monthly costs

**36  
months**

Review period

**£3,481**

Average monthly benefits

**£95,333**

Net Present Value

**148.3%**

Internal Rate of Return

**16.5  
months**

Payback

Based upon an assumed cost of capital  
of**0% per year**



## Power Platform Quickstart



## Power Platform Briefing

**Any questions?**

Contact us: [bridgeall.com/contact](https://bridgeall.com/contact)

**Thank you for attending.**

We will be sending out the slides and a recording of this session shortly.