



Complex data migration and ERP  
transformation, made simple

# Democratise your data migration

See how a self-service approach can mobilise  
your people to reduce cost, time and risk

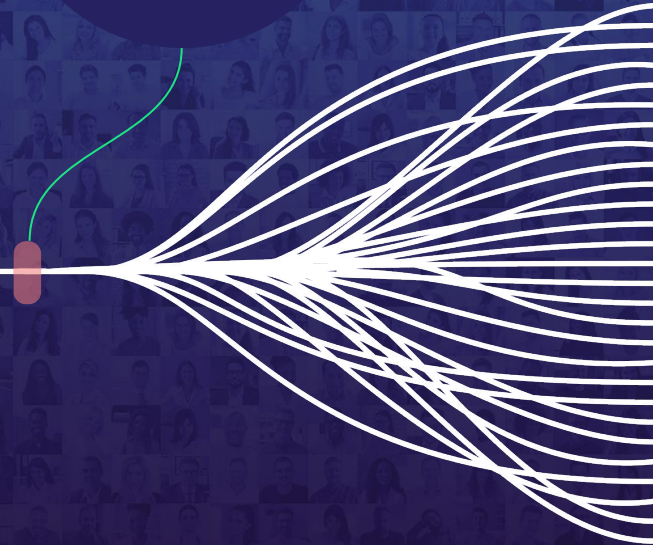


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# Common data migration challenges

- Consolidating data from many disparate data stores, schemas, and formats into a single source of truth
- Executing complex data transformations with over billions of records of data
- Dealing with hundreds of thousands of data mapping and quality rules

Process  
bottlenecks and  
complexity are a  
common contributor  
to cost blowout and  
failure



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# A better approach

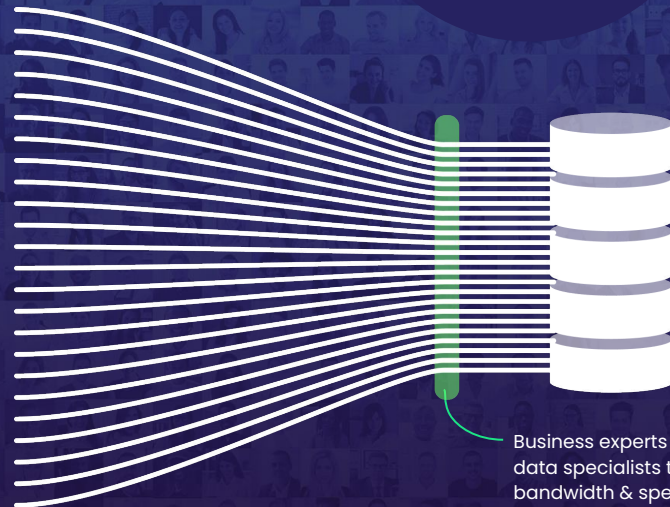
## Crowdsource the efforts of your business experts

Leading off-the-shelf data migration and integration tools focus on catering to data engineers and integration specialists. They exclude other business users — who often understand the source systems and business goals better — from usefully contributing.

In addition, traditional tools are rigid, requiring specialised skills to operate them. They are costly to scale, and commonly operate in a silo removed from the business context of your data.

Our solution empowers existing staff to perform the bulk of the data migration tasks, making maximum use of their existing understanding of the data structure and nuance. This frees up expensive data engineers to focus on the most difficult tasks that truly need them.

In a recent  
government project,  
our approach saved  
88,000+ hours of  
specialist time across  
the programme.



Business experts complement  
data specialists to increase  
bandwidth & speed

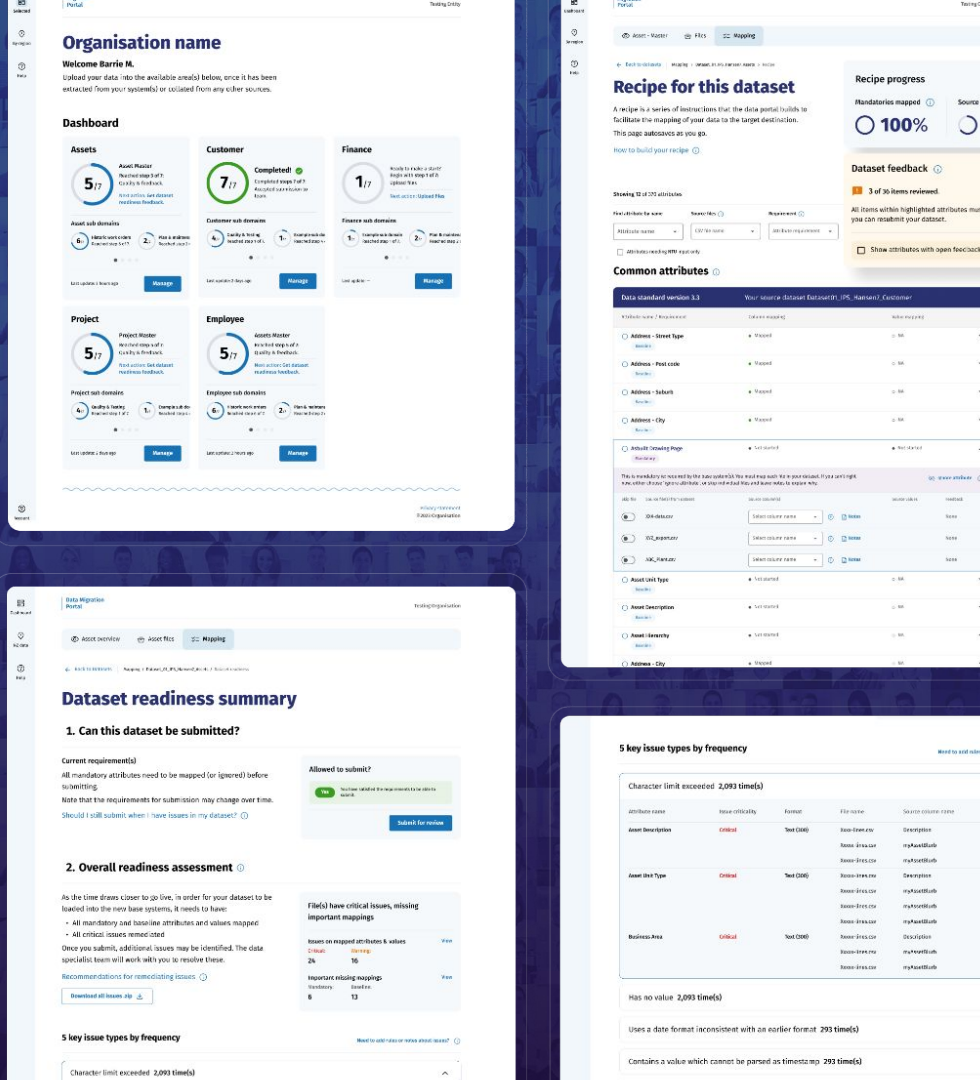
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# Democratise your data migration

Facilitate large-scale data migration  
across multiple ERP domains with an  
intuitive, self-service toolset.

Organisations following the traditional analyst-led path often fail to effectively engage and empower the people that they depend on most for a successful outcome – **their business users.**

A new self-service toolset leverages human-centred design thinking and behavioural science to help overcome this challenge.



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# Key features

## Accelerate and de-risk your data migration programme

A data migration solution designed on feedback from real-world users and stakeholders, and proven in a complex, application using billions of records.

Experience innovation that expedites your data migration and data quality journey.

1. Target-centric data mapping
2. Self-serve mapping, documentation, and data rules with seamless hand-off
3. Manage change and data integrity elegantly
4. Gamification principles to encourage milestone completion
5. Run your migration on your own terms, and stay in control of your data and migration costs

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1.

# Target-centric data mapping

Mapping tasks as 'target to source', rather than the traditional 'source to target' view is a game-changing innovation.

Combine this with the ability to focus on mandatory target attributes, and critical path data mappings can be quickly identified and actioned. This workflow removes the temptation to find a home for all of the data in source systems initially. Non-critical source data can easily be mapped at a later stage as required.

The net result of this innovation is greatly accelerated timeframes, and less waste.

The screenshot displays a software interface for data mapping. At the top, a modal window titled 'Showing 12 of 370 attributes' is open. It features a search bar labeled 'Find attribute by name' and a 'Requirement' dropdown menu. The 'Requirement' menu is expanded, showing options: 'Mandatory (20)' (selected with a blue checkmark), 'Baseline (33)', 'Recommended (192)', 'Optional (264)', and 'Future (46)'. Below the modal, the main interface shows a table of 'Common attributes'. A purple callout bubble labeled 'Target →' points to the 'Asset Description' row, which is marked as 'Mandatory'. Another purple callout bubble labeled 'Source' points to the 'Source column(s)' column. The table lists several attributes with their status (e.g., 'Mapped', 'Not started') and a 'Value mapping' column. A dark blue circular callout on the right contains the text: 'Target-led thinking focusses effort on what new systems need, before anything else'. At the bottom right, a dark blue button says 'Book a demo' with the email 'demo@ghostpartners.co'.

Showing 12 of 370 attributes Reset

Find attribute by name

Attribute name

Requirement ⓘ

Mandatory (20)

☒ Mandatory (20)

☐ Baseline (33)

☐ Recommended (192)

☐ Optional (264)

☐ Future (46)

☐ Attributes needing input only

### Common attributes ⓘ

| Standard                                                                                                                                                                                                         | Your source                 | Column mapping     | Value mapping         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------|-----------------------|
| Asset Unit                                                                                                                                                                                                       | ● Mapped                    |                    | ○ NA                  |
| Asset Description                                                                                                                                                                                                | ● Mapped                    |                    | ● Not started         |
| This is mandatory ie: required by the base system(s). You must map each file to your dataset. If you can't right now, either choose 'ignore attribute', or skip individual files and leave notes to explain why. |                             |                    |                       |
| Skip file                                                                                                                                                                                                        | Source file(s) from dataset | Source column(s)   |                       |
| <input type="checkbox"/>                                                                                                                                                                                         | XXXX Data-011.csv           | ● description      | <a href="#">Notes</a> |
| <input type="checkbox"/>                                                                                                                                                                                         | XXXX export-022.csv         | Select column name | <a href="#">Notes</a> |
| <input type="checkbox"/>                                                                                                                                                                                         | XXXX-033.csv                | Select column name | <a href="#">Notes</a> |
| Asset Hierarchy                                                                                                                                                                                                  | ● Not started               |                    | ○ NA                  |
| Address - City                                                                                                                                                                                                   | ● Not started               |                    | ○ NA                  |
| Asbuilt Drawing Page                                                                                                                                                                                             | ● Mapped                    |                    | ○ NA                  |

Target →

Source

Target-led thinking focusses effort on what new systems need, before anything else

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## 2. Self-serve mapping, documentation, and data rules with seamless handoff

Accessible, bite-sized documentation enables non-technical business users to complete mapping tasks independently. For complex data mapping tasks, users can leave notes and 'flag' them to seamlessly involve specialists only when necessary.

This means less dependence on specialised and costly talent, and fewer bottlenecks.

When a user needs help, they can flag issues, and collaborate directly with data specialists

The screenshot shows the 'Migration Portal' interface. The top navigation bar includes 'Dashboard', 'Asset - Master', 'Files', and 'Mapping'. The 'Mapping' tab is active. Below the navigation bar, there's a breadcrumb trail: 'Back to datasets > Mapping > Dataset\_01\_IPS\_Hammett\_Assets > Recipe'. The main content area is titled 'Recipe for this dataset' and contains a description: 'A recipe is a series of instructions that the data specialist builds to facilitate the mapping of source data to the destination system. This page automatically generates a recipe for you to build your recipe.' Below this, there's a section for 'Common attributes' with a table showing 'Accelerated depreciation' as a 'Common' attribute. A modal window titled 'Accelerated Depreciation' is open, showing a table with 'Attribute Type' (Varchar(1)) and 'Attribute Unit' (-). The modal also includes a 'Description' and 'Attribute usage' section. At the bottom of the modal, there's a table with columns 'Mandatory', 'Timeline for 1-Apr-2024', and 'Dropdown value', with values '-', 'Baseline', and '-' respectively. The modal also has a 'What are requirement levels?' section.

**Value - business rules and notes**

This value appears 339 times

Source file/column: xxx-data.csv - AssetMainRes

Regarding attribute: Asset Maintenance Responsibility (Common)

This value does not exist in our source data. How should this be mapped in the portal?

☒ Flag as needing help

Cancel Save note

What sort of notes should be recorded?

**Accelerated Depreciation**

| Attribute Type | Attribute Unit |
|----------------|----------------|
| Varchar(1)     | -              |

**Description**

The means to identify an asset which require accelerated depreciation. Usually used at the design phase when assets are identified for replacement.

**Attribute usage**

Where there is a planned asset replacement or decommissioning depreciation is accelerated to write the remaining asset value over the new remaining life.

| Mandatory | Timeline for 1-Apr-2024 | Dropdown value |
|-----------|-------------------------|----------------|
| -         | Baseline                | -              |

What are requirement levels?

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### 3. Managing change and data integrity elegantly

Large scale data migrations are rarely a point-in-time exercise, and must deal with incremental changes both in the data sets and the underlying data models.

When schema changes, mapping conflicts, or data threats occur, users must be able to respond quickly and accurately.

Clear and timely user feedback empowers business users to fix their own problems, or notify data engineers if they cannot.

#### Dataset structure does not match

! This dataset has a different structure from Asset\_Historic\_Work\_Order\_Dataset\_001.  
If you proceed in reusing this recipe, missing source columns and values will have their mappings removed.  
You can create the dataset anyway, or [learn how to fix this](#).

#### 1 affected file (1 missing columns and/or values)

| File name          | Discrepancy                   |
|--------------------|-------------------------------|
| COOL MOCK_DATA.csv | Missing columns and/or values |

#### Missing source columns and values

##### Missing source columns (1)

| File name          | Missing source column name | Attribute name                                                |
|--------------------|----------------------------|---------------------------------------------------------------|
| COOL MOCK_DATA.csv | date                       | Work Order Completed Date<br>Failure Codes<br>Work Order Type |

No missing mapped source values

[Back to choose recipe](#)

[Create dataset anyway](#)

Rapid, actionable  
feedback allows  
users to respond  
efficiently and  
troubleshoot  
their own issues

#### CSVs for mapping

[Upload](#)



|                          | File name                | Modified          | Size |
|--------------------------|--------------------------|-------------------|------|
| <input type="checkbox"/> | malware.txt              | Malware detected  | 44 B |
| <input type="checkbox"/> | missing-double-quote.csv | Issue(s) detected | 29 B |

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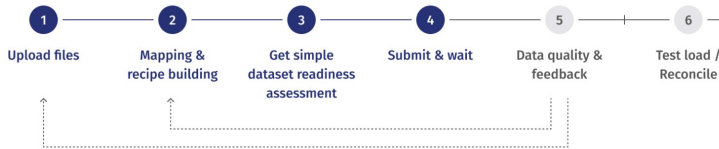
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# 4. Gamification principles to encourage milestone completion

Data migration tasks are notoriously time consuming. Those contributing can lose sight of progress and be disheartened by the scale of the task, resulting in less than optimal pace.

Proven behavioural and information science techniques provide visibility and motivate users to maintain the momentum needed to complete your programme — **one manageable 'stage' at a time.**

Start



Rapid feedback loops at specific stages identify any quality issues early, reducing effort to solve them later

## Recipe progress

Mandatories mapped ⓘ



Source columns mapped ⓘ



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5.

## Run your migration on your own terms

Stay in control of your data. Only pay for the resources you actually use without sacrificing the ability to adapt to your programme's unique needs.

**Maintain full data sovereignty and as much control over your data as you need** by hosting on your own infrastructure; or let us take care of the hosting so you can focus on the core of your migration.

**Protect your data and your organization** with single sign-on, MFA, high fidelity access controls, robust application security and data threat management.

**Only pay for what you actually use** when you use our fully cloud-native solution that scales based on your usage and eliminates costly provisioning guesswork.

**Out-of-the-box DevSecOps pipeline** that allows you to rapidly deliver changes for adapting our solution to the unique needs of your data migration programme.

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# Rely on a proven solution

**Fast, secure, simple.**

Reap the rewards of cutting-edge innovation, tested and proven on large-scale data migration in complex environments with over 2 billion records.

The only limits are your ambition.

Successfully implemented in a national data migration programme with:

**1000**

**DISTINCT SOURCE  
SYSTEMS**

**2B**

**ERP RECORDS  
MIGRATED**

**800K**

**DATA MAPPING  
RULES MANAGED**

**88K**

**SPECIALIST WORK  
HOURS SAVED**

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# Delivered by a world-class partnership

This innovative new approach to data migration  
and ERP transformation is made possible by a  
partnership between Ghost Partners and SECTION6.

**Ghost Partners**

Design and consultancy

+

**SECTION6**

Software development + DevOps

Ghost and SECTION6 have an impeccable track-record,  
working together on public and private sector clients across  
Asia Pacific and North America.

With experience spanning AI/ML solutions for Procter &  
Gamble and Westpac Australia, Smartgates for New Zealand  
Customs, and critical digital infrastructure for the Australian  
Federal Government, you're in safe hands.



# Book a demo

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