Bell Integration

vClarus

Bell Integration's end-to-end platform designed to ensure your workload migration runs as smoothly as possible
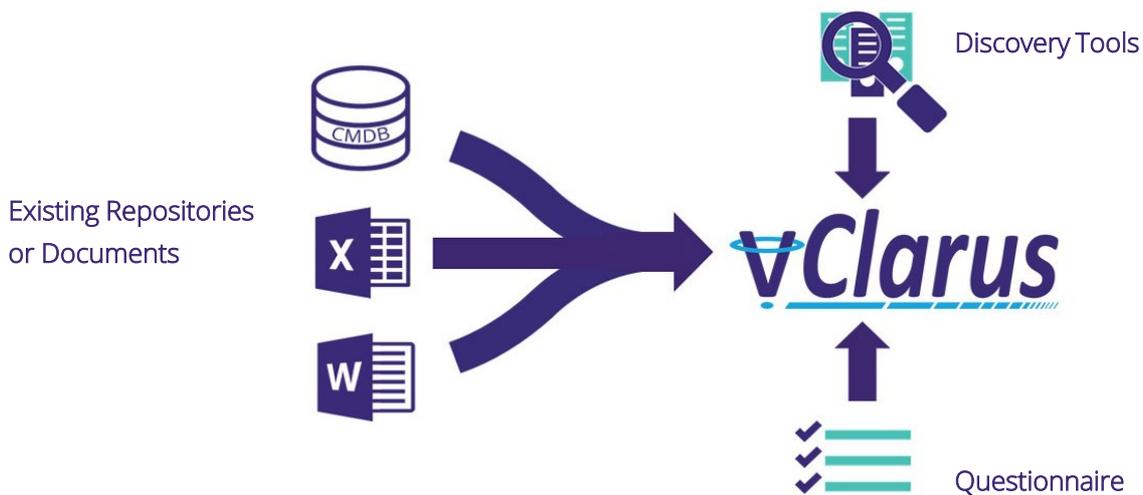
Overview of vClarus

vClarus is Bell Integration's end-to-end workload migration platform it combines all the governance tools, people and processes required to architect a tightly defined data migration project – complete with all the insights and controls you need to make informed decisions – and flawlessly execute.

Discovery

The discovery phase is critical to the success of the migration. Our discovery approach of data acquisition, normalisation and aggregation, by using the most relevant discovery techniques including in-house reporting tools, existing documents, a fully online web-based questionnaire and workshop process, we analyse the current estate - from services through to applications and infrastructure.

This includes the interaction and links between applications, whether these are technical, shared infrastructure or business workflow, which is essential for effective migration scheduling. Different silos of information need to come from different sources, and in many different formats. vClarus is able to 'glue' these disparate data sources to give a consistent view.
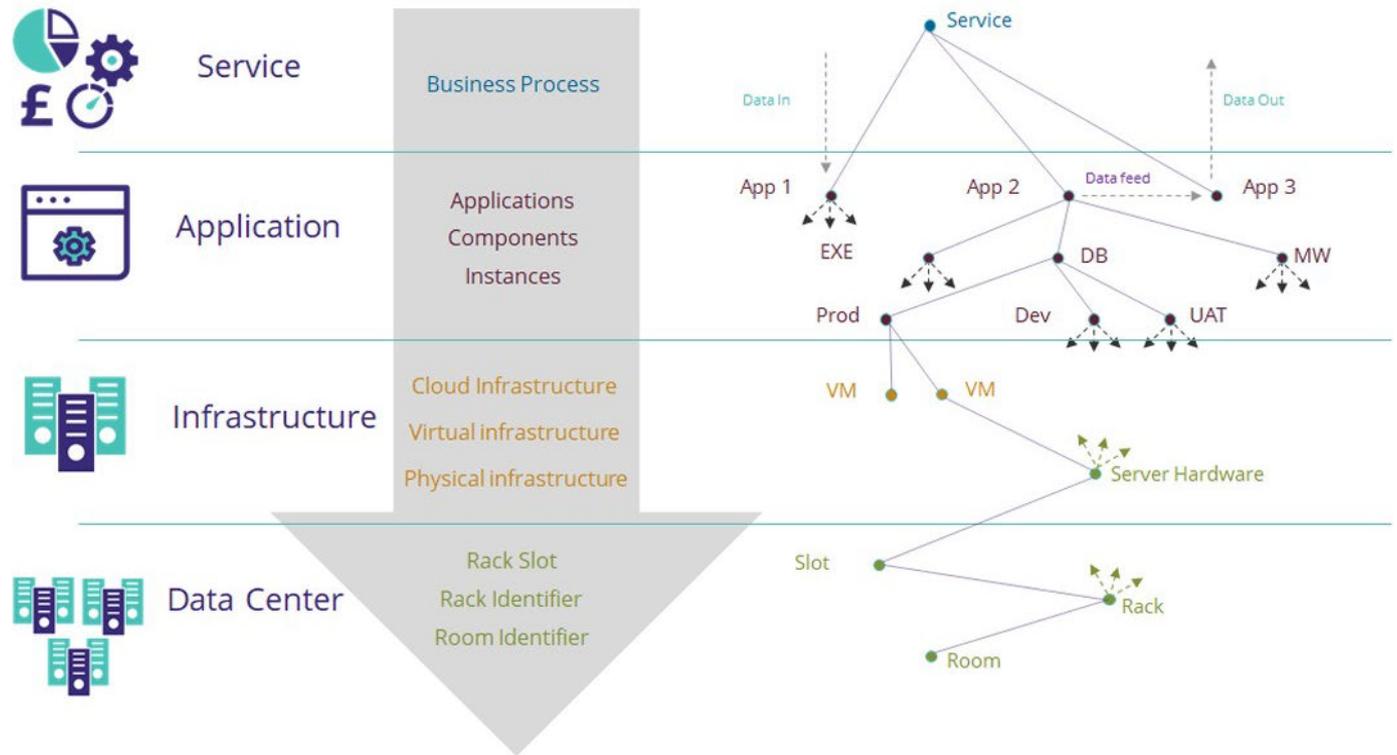

vClarus uses a number of different techniques to enrich, improve and validate this data

Direct source file mapping into staging	Data confidence validation	Data normalisation	Pre-load visibility of all staged data
• No upload templates • Unrestricted source file origin • Automated file header mapping	• Allows multiple uploads and flags the most confident data • Prevents rogue values • Immediate visibility to 'human' errors	• Auto corrects errors • Standardises (normalises) varying data representations	• ETL principles, only Load when approved

Strategic Service Mapping

From the discovery and analysis, vClarus produces a Strategic Service Mapping of Services down to Infrastructure, including Applications, which is navigable and real time.
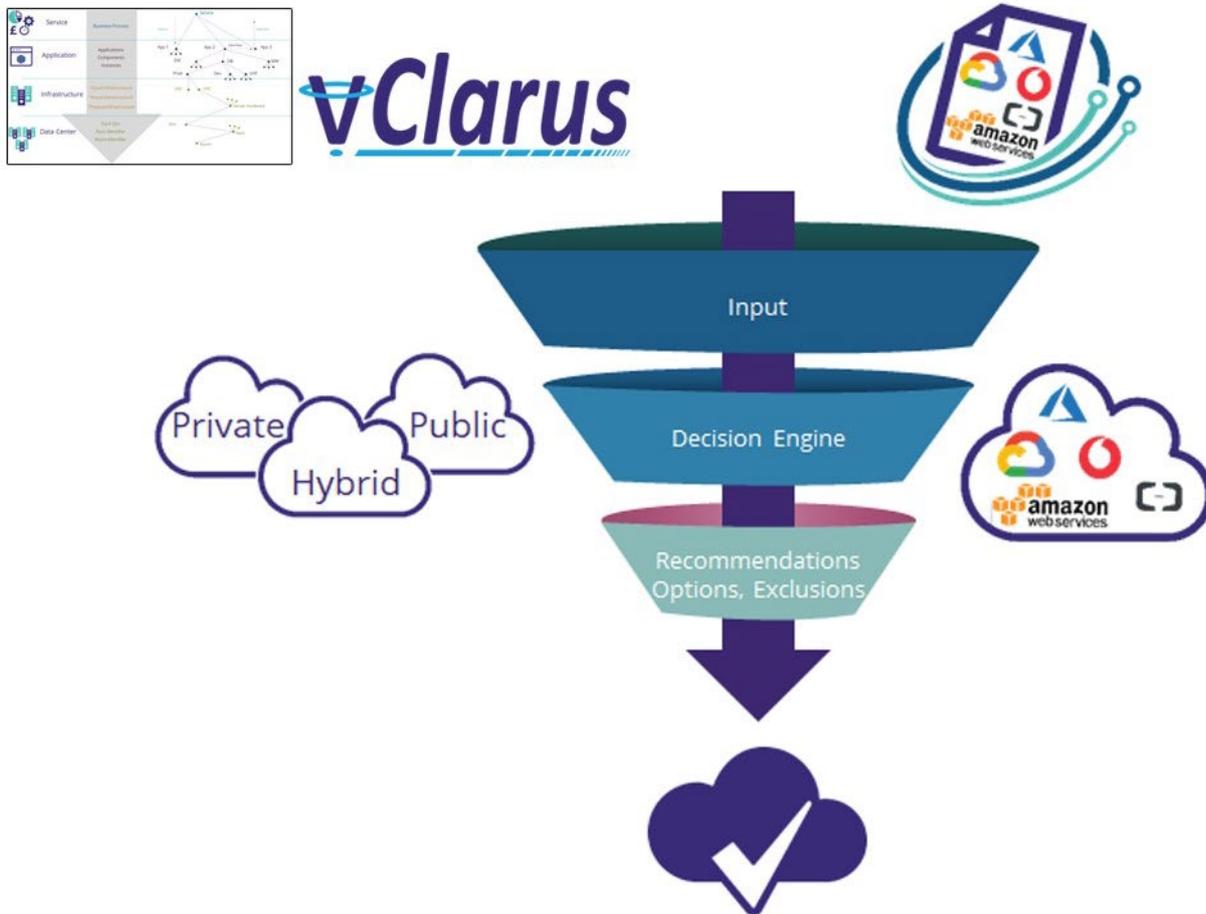
Probably for the first time, there will be a fully documented graphical representation of Services, Applications and Infrastructure, which is crucial for a successful migration and invaluable for ongoing support.

Hosting Recommendations

Having established a detailed and complete view of the Service hierarchy, vClarus is able to reference internal normalised service catalogues from cloud or hosting vendors, and, using the automated Decision Engine, is able to recommend specific vendors and their service catalogue items that can host the applications, platforms and infrastructure down to individual servers.

Recommendations include IaaS, PaaS and SaaS and take into consideration technical factors as well as service, business and compliance rules. This is an optimised view, allowing for rightsizing of the target environment.

Strategies and Methods

Migration Strategies, which will vary between parts of the business and applications / infrastructure, define what the end results will be, for example, Re-Hosting (like-for-like), Re-Architecture (transformation) or Replace (SaaS).

From here we formulate the Migration Methods, which is the process used to establish each Migration Strategy. For example, Re-Hosting can be achieved by cloning or rebuilding - resulting in the same end state but via different means and with different benefits. These Migration Methods can be industry standard, bespoke or hybrid.
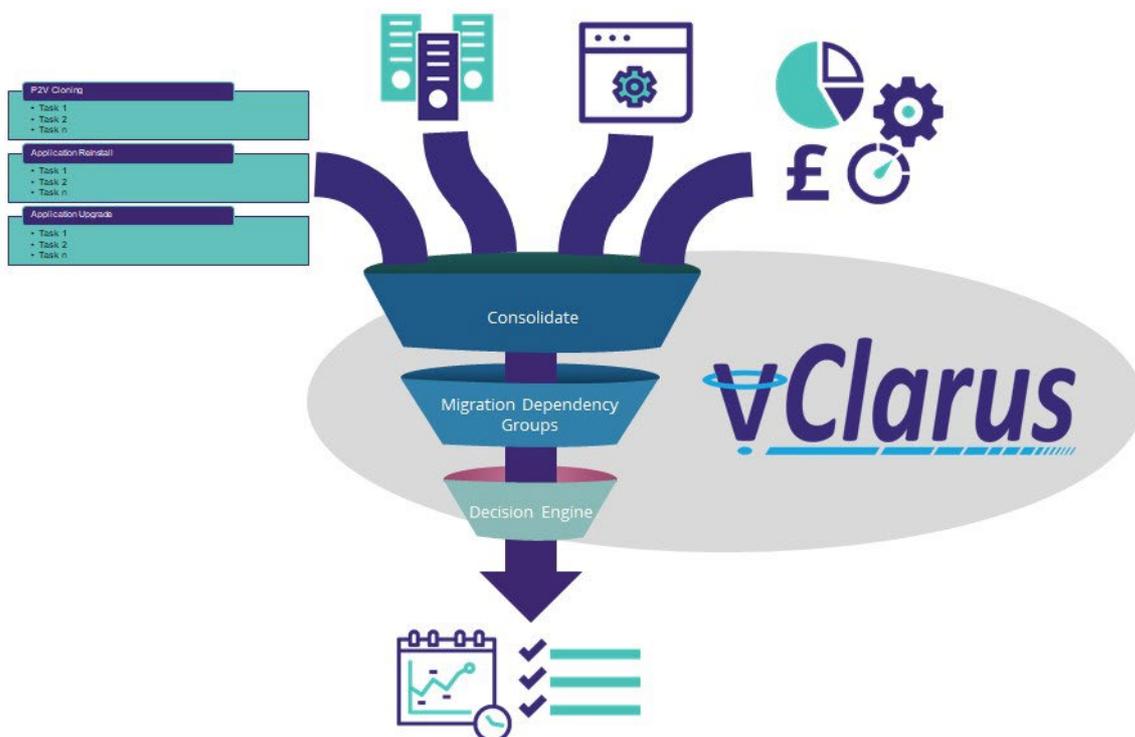
Passports and Runbooks

For each Migration Method, a Migration Passport and Runbook is built in vClarus; milestones for gate level tracking, and detailed tasks for each approach. These are templates to be used for the migrations themselves with each Runbook containing the detailed tasks, and dependencies.

Scheduling

The Migration Schedule and Migration Plans are a combination of several factors including Applications, Platforms, Servers, Data, Dependencies, Calendars & Constraints (such as change freeze periods, business peak times, and maintenance windows), People & Resources, Passports and Runbooks.

vClarus feeds all of this information into its Decision Engine, formulates Migration Dependency Groups, and auto-generates Migration Plans. These Migration Plans are the basis of all migration activity. Each Migration Plan, once approved, is presented through dashboards, allowing all those involved in the migration, transparent visibility to the exact status at any point in time, and timing for future tasks.
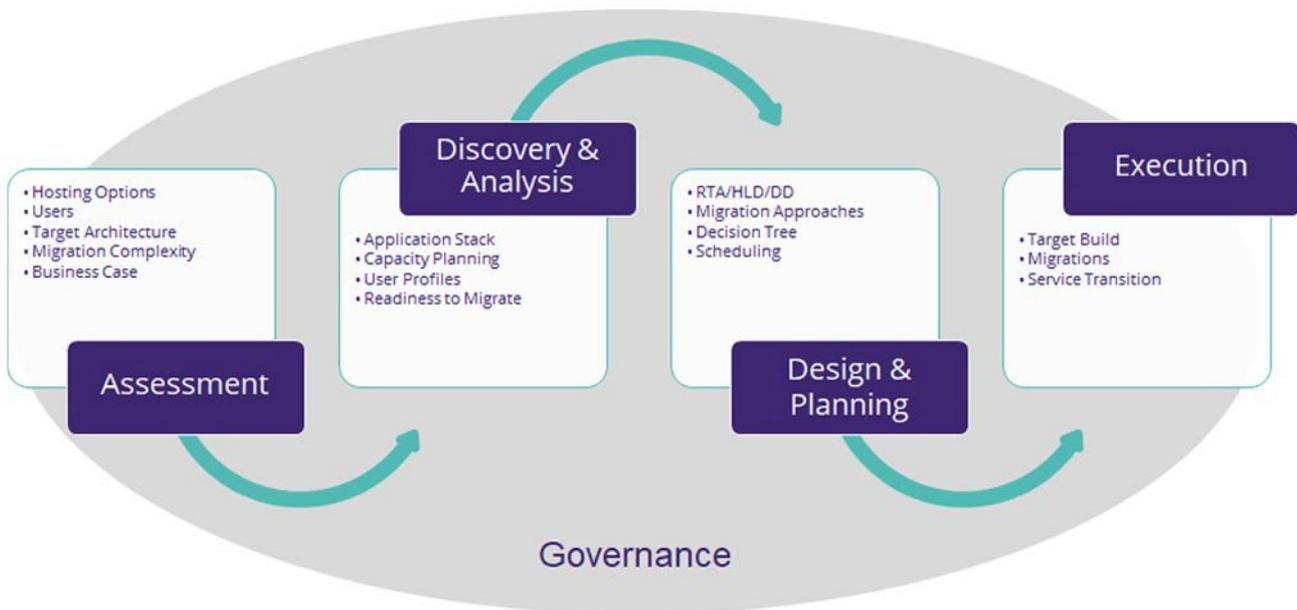
Migration Execution

During the Execution phase vClarus Dashboards present the RAG (Red, Amber, Green) status of all activity providing transparent progress reporting. Crucially vClarus maintains dynamic planning and re-planning capability. Any rescheduling that's needed, can be simply done through planning screens, by the project management with point and click and all tasks are automatically regenerated and tracked.

A key component to the success of a migration project is vClarus' evidenced based reporting. Reports can be generated and mapped to business requirements throughout all of the project stages. The central vClarus repository is a single set of information, providing consistency of Service, Application and Infrastructure information, which is critical to change control and minimising the risks in migration.

In short vClarus is the go to for all information and governance relating to current systems, target environment (the Where), methods (the How), and the schedule (the When).

The End to End Process

Discovery & Analysis

- Application Stack
- Capacity Planning
- User Profiles
- Readiness to Migrate

Assessment

- Hosting Options
- Users
- Target Architecture
- Migration Complexity
- Business Case

Execution

- Target Build
- Migrations
- Service Transition

Design & Planning

- RTA/HLD/DD
- Migration Approaches
- Decision Tree
- Scheduling

Governance

Contact

LONDON

10 York Road,
London
SE1 7ND

T +44 (0) 2392 825925

PORTSMOUTH

New Hampshire Court
St Pauls Road
Portsmouth
PO5 4AQ

T +44 (0) 2392 825925

SINGAPORE

Bell Group Asia Pte Ltd
109 North Bridge Road
05-21 Singapore
179097

T +44 (0) 2392 825925

WOKINGHAM

Saxon House,
Oaklands Business Centre,
Oaklands Park,
Wokingham
RG41 2FD

T +44 (0) 2392 825925

PORTSMOUTH

Unit 8 Discovery Voyager Park
Portfield Road
Portsmouith
PO3 5FN

T +44 (0) 2392 825925

KRAKOW

Bell Integration sp. z o.o.
Kurniki 9,
31-156 Kraków
Poland

T +44 (0) 2392 825925

GLASGOW

Suite 11, Sky Hub
Skypark management Suite
Skypark 1, 8 Elliot Place
Glasgow, Lanarkshire
G3 8EP

T +44 (0) 2392 825925

HYDERABAD

Bell Integration T/A
Choose Portal Pvt Ltd
1st Floor, Krishe Sapphire
Madhapur Hyderabad,
Telangana, 500081

T +44 (0) 2392 825925

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Please contact us on marketing@bell-integration.com or
visit www.bell-integration.com**

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