

## Workload Migration

vClarus: reducing the cost  
and risks of migration

**vClarus from Bell integration is an end-to-end platform designed to ensure your workload migration runs as smoothly as possible, minimising any risks, over-spend and disruption to your business. So, if you've been putting off cloud adoption or data consolidation and missing out on the benefits, vClarus is the solution.**

### The challenge

Workload migration, whether for cloud adoption, data centre consolidation or driven by corporate M&A is often approached with trepidation with its inherent risks being the number one concern for businesses. With more than 50% of data migration projects predicted to exceed budget and result in business disruption in 2019, the fear is justified.

The problem is that traditional spreadsheet and project planning methods can be cumbersome, error prone, disruptive and high cost. There's a lack of understanding of current systems and of requirements which in turn leads to a flawed execution. It's these risks and knowledge gaps that are stopping businesses from migrating and reaping the benefits.

Businesses need an end-to-end solution that makes the workload migration process as smooth as possible, without unplanned downtime, data loss or otherwise negatively impacting the day-to-day operations.

### Our solution

vClarus, Bell Integration's end-to-end migration platform, allows for a single point of truth for all data relating to the migration to be stored, lowering the risk and improving consistency and productivity.



**Eugene O'Sullivan**  
MBCS CITP

Strategy &  
Innovation Director

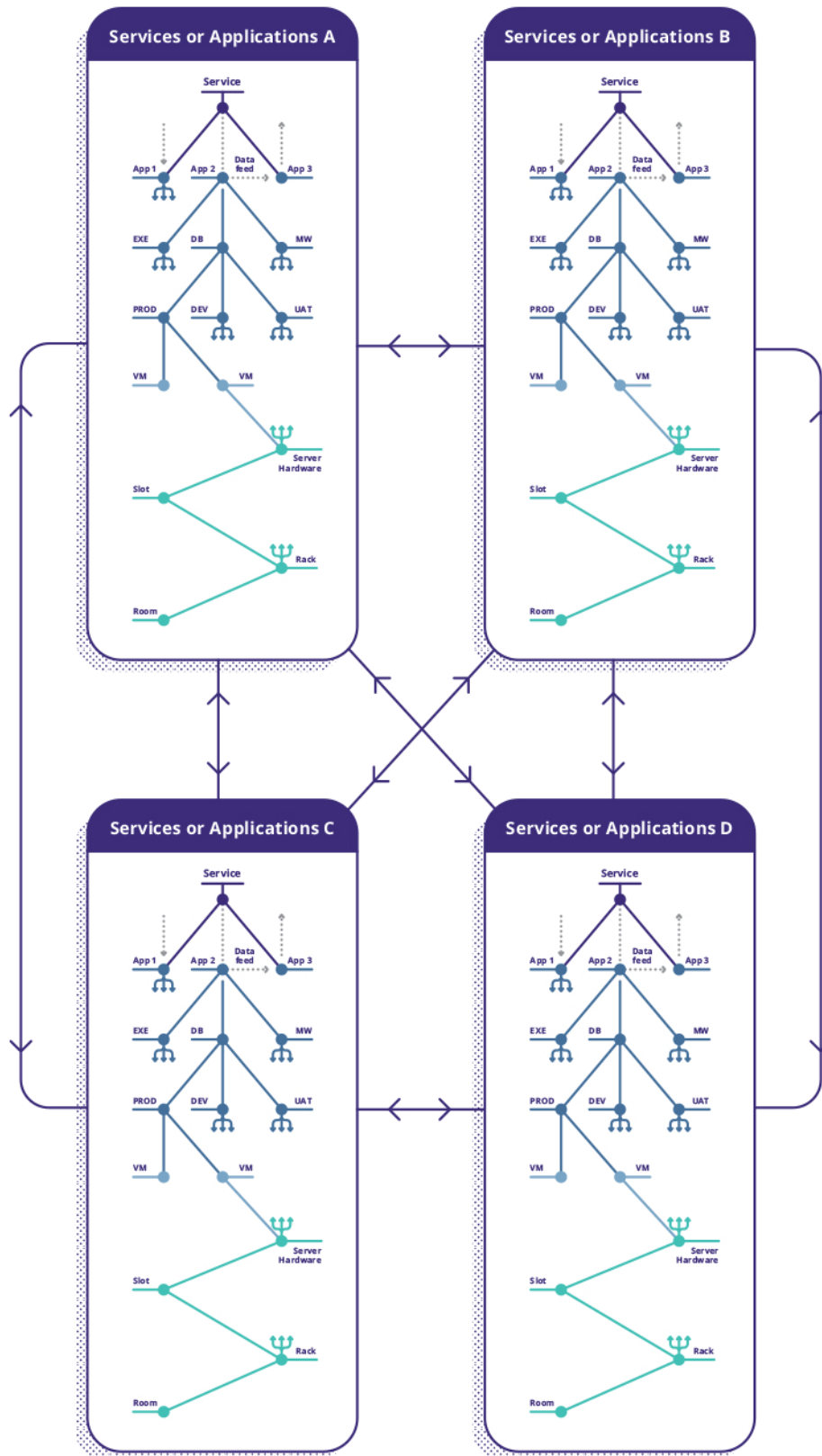
T +44 (0)2392 825 925  
M +44 (0)7823 343 209

[eosullivan@bell-integration.com](mailto:eosullivan@bell-integration.com)

## Step 1: Auditing your current estate

The discovery phase is critical to the success of the migration. Using the most relevant discovery techniques including your in-house reporting tools, existing documents, a fully online web-based

questionnaire and workshop process, we analyse your 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.



From this analysis, vClarus produces a Strategic Service Mapping, showing the end-to-end hierarchy for each service, which is navigable and real time. Probably for the first time, you'll have a fully documented graphical representation of your services, applications and infrastructure which is crucial for a successful migration and invaluable for ongoing support.

### **Step 2: Formulating Migration Principles and Migration Approaches**

Migration Principles, which will vary between parts of the business and applications / infrastructure define what the end results will be, for example, like-for-like or transformation. From here we formulate the Migration Approaches which is the method used to establish each Migration Principle. For example, like-for-like can be achieved by cloning or rebuilding - resulting in the same end state but via different means and with different benefits. These Migration Approaches can be industry standard, bespoke or hybrid.

### **Step 3: Building Migration Passports**

For each Migration Approach, a Migration Passport is built in vClarus; detailed task by task descriptions on how to perform each approach. These are templates to be used for the migrations themselves with each passport containing the tasks, owners, date (the relative migration T minus date eg T-4 weeks before service cutover) and migration entity type.

### **Step 4: The Migration Schedule**

Next a Migration Schedule is constructed using Conveyors. A Conveyor is a move group, with the one thing in common for the migration items being a shared cutover date.

The Conveyor takes into consideration the application relationships, the most suitable Migration Passport, business constraints such as blackout windows and peak activity, all with the aim of de-risking and minimising disruption during the migrations.

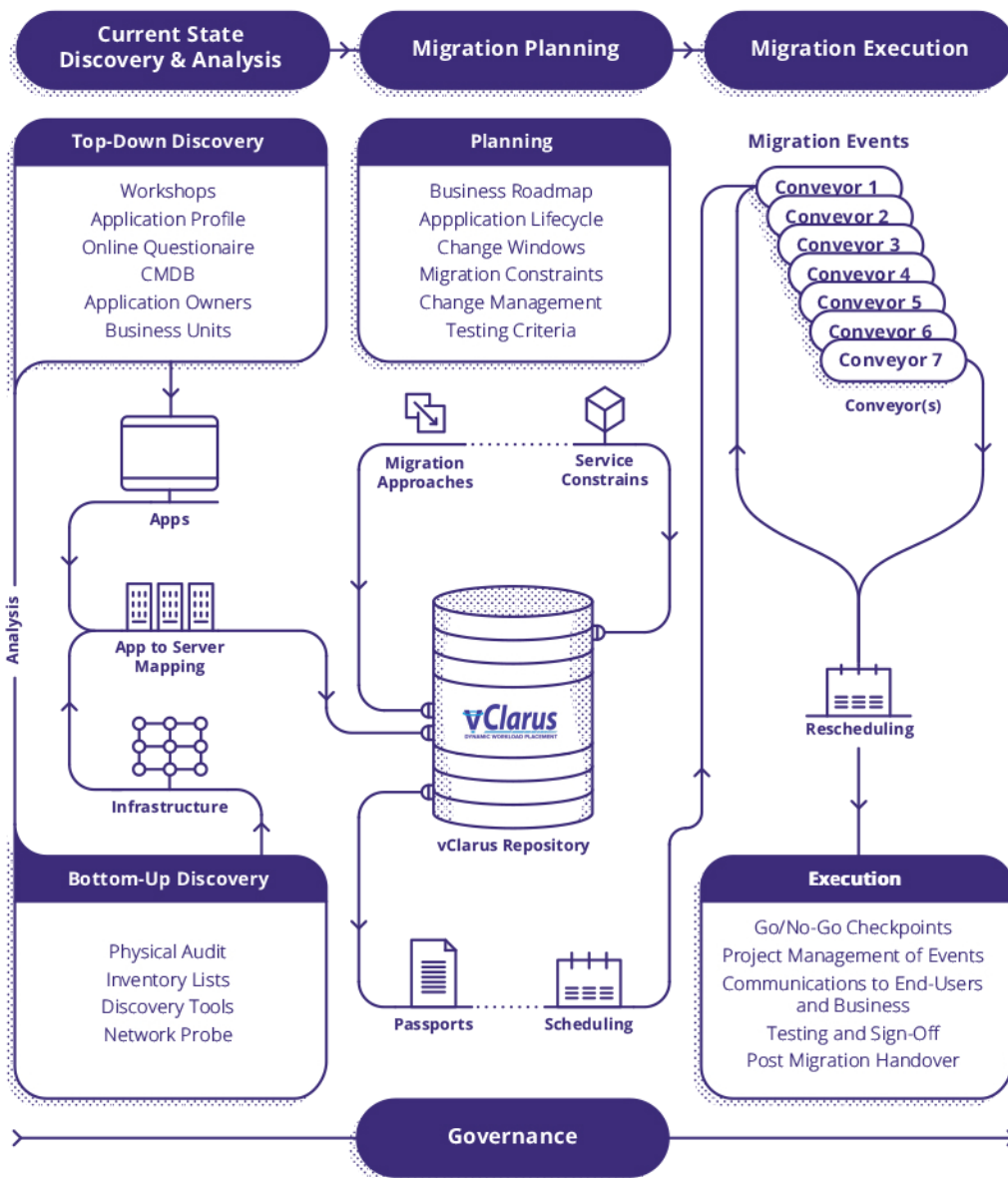
vClarus auto generates all migration tasks, taking each passport task and applying it to each item to be migrated on each conveyor, generating the specific date that each task has to be performed and by whom, potentially removing hundreds of hours of manual planning effort. For example, if you have 50 tasks in a passport and a set of conveyors containing 1000 servers, vClarus will auto generate 50,000 migration tasks, along with the specific date each task needs to be performed.

These tasks are then reported hierarchically, in both aggregated dashboards for management reporting, and in detailed task lists and reports for Project Managers. Each task carries a Red, Amber, Green (RAG) status generated by vClarus.

### **Step 5: Performing your Migration**

Finally, we perform all your workload migrations, tracked using the RAG dashboards which provide transparent progress reporting. Crucially we maintain a dynamic planning and replanning capability. Any rescheduling that's needed due to external factors, can be simply done through planning screens, by the project management with point and click and all tasks are automatically regenerated and tracked.

Throughout all of the project stages, the central vClarus repository is a single set of information, ensuring that all your service, application and infrastructure is consistent which is critical to change control and minimising the risks of migration.



**LONDON**

2nd Floor  
107 Cheapside  
London  
EC2V 6DN

T: +44 (0) 2392 825925

**PORTSMOUTH**

New Hampshire Court  
St Pauls Road  
Portsmouth  
PO5 4AQ

T: +44 (0) 2392 825925

**WOKINGHAM**

Saxon House  
Oaklands Park  
Fishponds Road  
Wokingham  
Berkshire  
RG41 2FD

T: +44 (0) 2392 825925

**SINGAPORE**

Bell Group Asia Pte Ltd  
30 Cecil Street  
#19-08 Prudential Tower  
Singapore, 049712

T: +65 2392 825925

**HYDERABAD**

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

T: +44 2392 825925

**Working with your technology**

Our agnostic approach allows us to use any migration tool or product with vClarus, with our preference being to use tools that are already in place to minimise change control impact.

**Here are some of the tools we use:**

- VMware Capacity Planner
- VMware ADM
- VMware Converter
- PlateSpin recon
- HP
- Quest
- IBM TADDM
- CA
- PlateSpin Converter
- MS Azure
- Zerto

**See how Bell Integration can help your business succeed.**  
Please contact us on [enquiries@bell-integration.com](mailto:enquiries@bell-integration.com)  
or visit [www.bell-integration.com](http://www.bell-integration.com)

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