



Bell
Integration

Ambitious Transformation

A woman with dark hair, wearing a light blue button-down shirt and a lanyard with an ID badge, is standing in a server room. She is holding a laptop and looking at the screen. The background shows rows of server racks with blue and red lighting. The overall image has a blue and red color scheme.

G-Cloud 15 – Bell Integration Cloud Workload Migration Service



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About Bell Integration

Bell is a privately owned, and truly vendor independent organisation, our people are dedicated to helping our customers reduce cost and risk, while improving agility and the service our customers IT teams provide to their end user stakeholders

For 30 years, Bell's market-leading technology consultation and managed services have enabled organisations to transform their IT capabilities and elevate their business productivity and cost efficiency.

We are trusted by many global Fin-techs, Telco's, government and public sector organisations, our customers depend on us to ensure their IT services and infrastructure are always available, scalable, sustainable, secure and resilient. Bell is at the forefront of helping companies drive down operating costs and improve their ability to engage with their own customers, either by supporting the growth of their channels to market, or by aiding their responsiveness and service quality.

Head-quartered in the UK and employing over 1000 people across the globe.

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What we do

Providing the catalyst for transformation, innovation and growth needed to accelerate positive impact across your business.

From embracing AI, migrating complex application workload and data environments, to adopting and monetising data from IoT solutions; accelerate your journey and mitigate risk to ensure success and change adoption across your business.





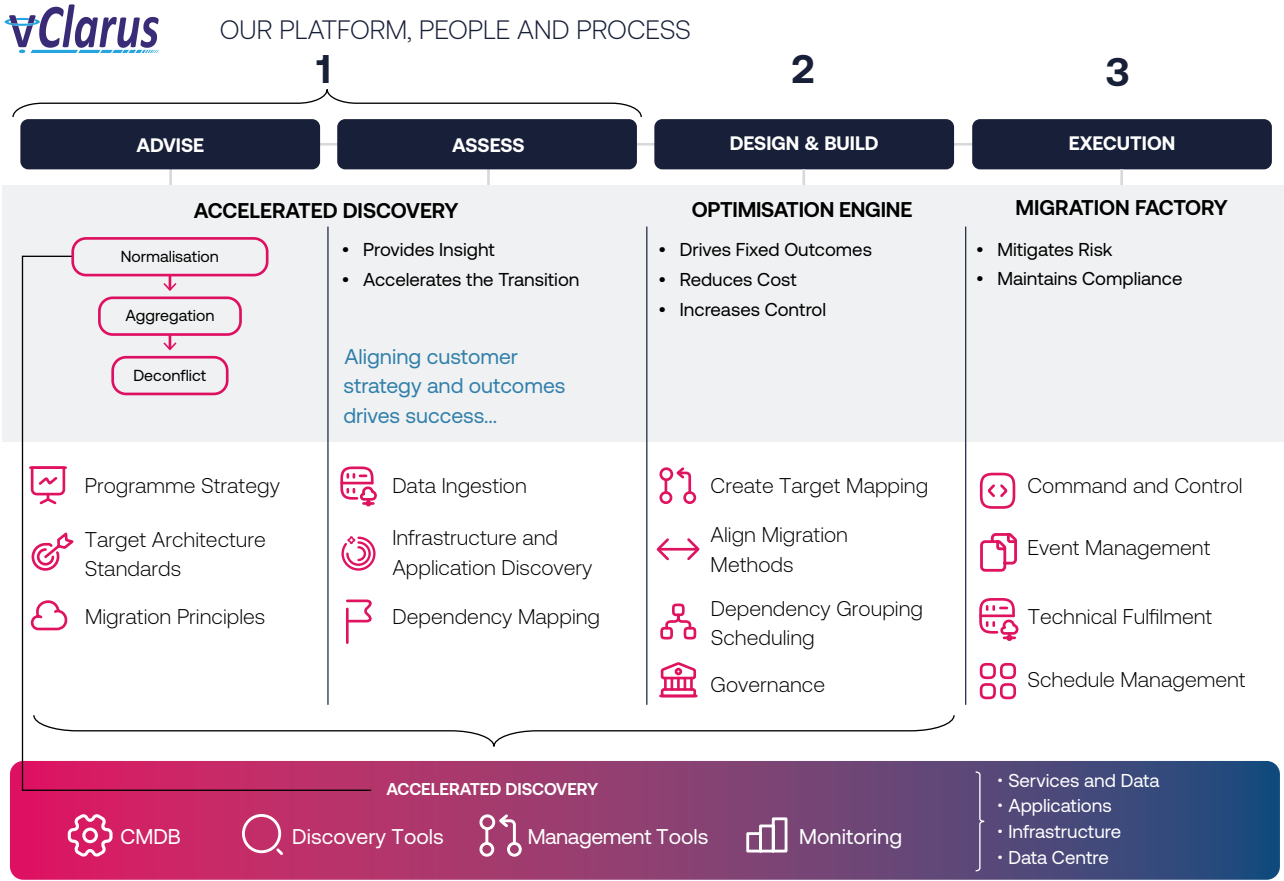
1. Introduction

Bell Integration’s tried and tested vClarus Workload Migration methodology, powered by our Nubirix tool enablement, accelerates the migration and modernisation of workloads to your target environments – whether that be public or private cloud, co-location hosting, or hybrid and multi cloud architectures.

Our approach provides organisations a fixed price, fixed outcome, risk averse approach to ensuring their present and future workload requirements can be satisfied, and that end-state migration & modernisation objectives are fully aligned with current and future business goals.

Combining people, process and governance tool enablement, Bell Integration’s workload migration service – powered by Nubirix – provides a data driven decision making framework to accelerate time to value and mitigate risk to business operations during your migration & modernisation journey.

Figure 1 – Bell vClarus Workload Migration Methodology





2. Service Description

Our end-to-end workload migration & modernisation methodology provides a structured journey that leaves nothing to chance when it comes to delivering a successful outcome and protecting your business from disruption

2.1 Advise

Initiated on engagement day 1 – the ‘Advise’ workstream is consulting led, delivering a decision-making framework and guardrails that facilitate planning and execution enablement – accelerating time to tangible value – the migration of workloads.

Three key artefacts are defined during the ‘Advise’ phase – which collectively represent the Migration & Modernisation Strategy:

- **Programme Strategy** – Alignment of strategic outcomes and customer requirements to establish critical success factors, providing the foundation of boundaries for the programme to drive focus and avoid scope creep.
- **Target Architecture Standards** – Define and agree the technical goals and standards for the target state, along with exception criteria to guide and inform the current to future state workload mapping.
- **Migration Principles** – Define and agree the technical and non-technical guiding principles for how and when business services and underpinning workloads will migrate to the target state and ensure realisation of the programme strategy and target architecture standards.

2.2 Assess

Initiated in parallel to the ‘Advise’, the ‘Assess’ workstream provides an accelerated discovery approach that leverages the customer's existing data assets relating to their IT enterprise and comprises of the following key activities and outcomes:

- **Identification and acquisition of existing data sources** – CMDB, platform management tools, platform monitoring tools, asset inventories.
- **Aggregation of acquired disparate data sets** to create a single-point-of-truth data to underpin decision making throughout the programme.
- **Data gap analysis** leveraging the migration strategy to inform the gap baseline and create a backlog of targeted discovery requirements to close the gaps.
- **Application dependency mapping** from aggregated data sets and engagement with application stakeholders.
- **Establish processes** to maintain aggregated dataset throughout the lifecycle of the workload migration programme.
- **Definition and publication of reporting dashboards** and visualisations against the aggregated dataset and burndown reports to provide transparency on targeted discovery activity to close data gaps required for planning.



2.3 Design & Plan

The Bell vClarus Workload Migration Design & Plan phase commences early in the programme lifecycle. Rather than the traditional approach to wait for discovery complete – the methodology drives an iterative approach.

The foundations of the migration plan are laid as soon as the outputs of the ‘Advise’ workstream are agreed – the Migration Strategy – we build the migration & modernisation calendar, define target service catalogues derived from the target architecture standards, and build templated runbooks for migration methods that will achieve the programme goals.

The structured yet agile approach continues into design & plan with the following key activities and outcomes:

2.3.1 Source to Target Mapping

Leveraging the target architecture standards and a decision tree rules based approach, determine the target hosting solution on a per application basis. Source to target mapping commences as soon as data gaps have been closed for an in-scope application, which means that decision making does not have to wait for all data gaps across the programme to be closed.

Per application, the outcome of source to target mapping is:

- Agreed target hosting solution to migrate the application workloads to.
- Technical migration methods applied to the workloads that comprise the candidate application.



2.3.2 Move Dependency Grouping

The objective of the Move Dependency Grouping process is to create entities that can be scheduled – a Move Dependency Group (MDG) is one or more applications and supporting workloads that must move together.

MDG definition leverages our Nubirix optimisation engine to provide recommendations of groupings to ensure that groups can be defined as quickly as possible whilst solving multiple constraints, including application interdependencies and infrastructure affinity.

2.3.3 Scheduling

The scheduling workstream within the workload migration design & plan phase consists of two key activities:

- **Calendar definition** – the workload migration calendar is defined as soon as the Migration Principles have been agreed as part of the 'Advise' phase. The workload migration calendar comprises of key dates, Move Events, organisational and business unit specific change freeze windows, and contingency events. The workload migration calendar also utilises resource requirements to build a migration resource capacity plan.
- **Move Dependency Group scheduling** – powered by our Nubirix scheduling optimisation engine, application move dependency groups are dynamically scheduled against move events that have been defined on the calendar, rapidly providing an optimal migration plan based on constraints and principles derived from the Migration Principles deliverable agreed during the 'Advise' phase. The migration solution is then fine tuned by our migration consultants in collaboration with customer stakeholders.

2.3.4 Runbook Definition

Creation of milestone level runbooks that are applied to applications in-scope for migration, providing a consistent governance, progress tracking and reporting baseline.

Creation of task level technical runbooks that are applied to application workloads to facilitate and track the low-level activity that is executed during a move event.

2.4 Execution

During the execution phase, our delivery team manage all aspects of driving the programme to successful completion, managing risks and dependencies, progress reporting, programme communications and stakeholder engagement, as well as the technical fulfilment of activities to move applications from source to target per the agreed migration plan.

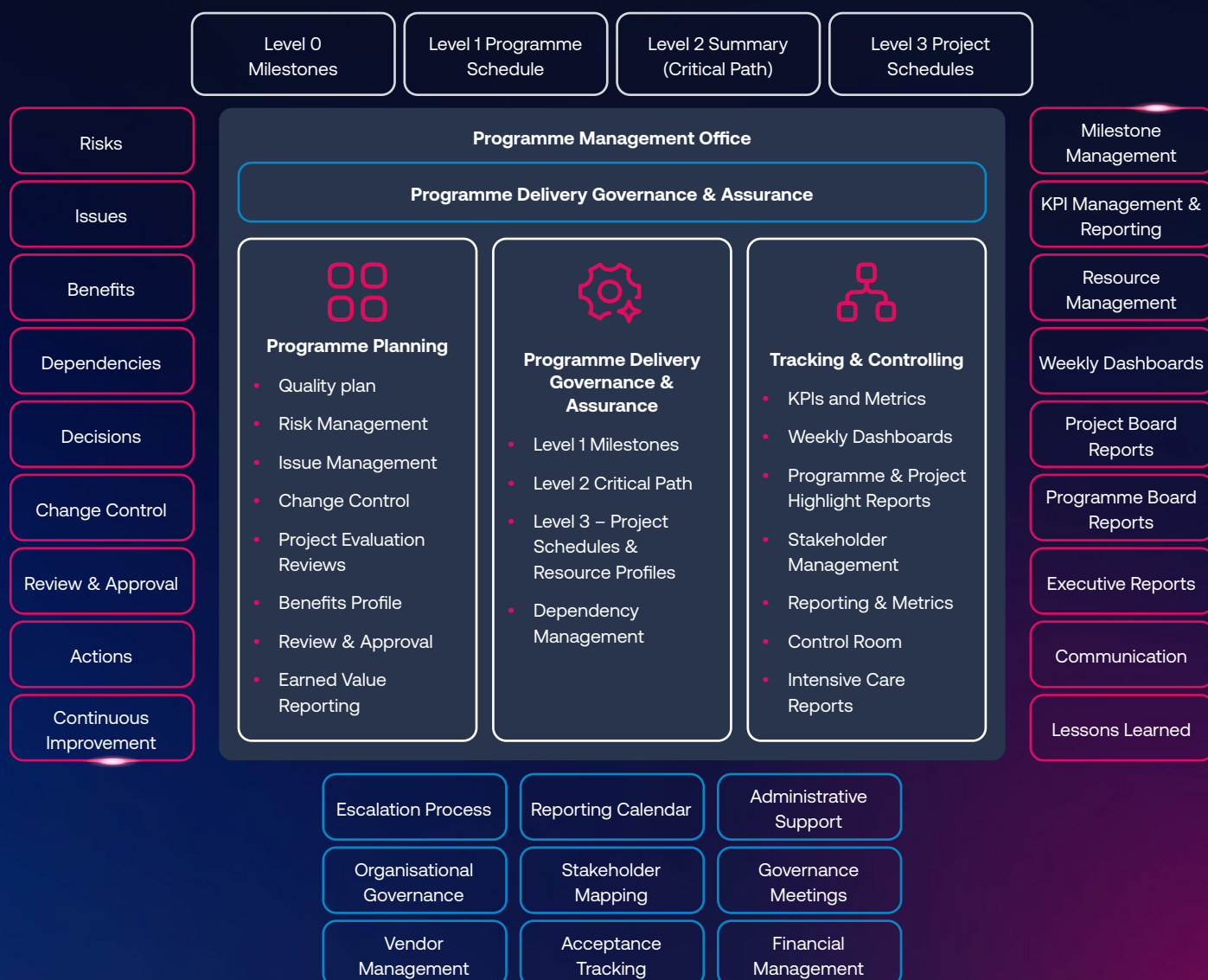




3. Programme & Project Governance

Our delivery execution is backed by experience programme and project managers leveraging a proven governance framework, providing effective control, risk management and reporting transparency.

Figure 2 – Governance Framework





Quality Statement

This is to certify that the attached documentation has been produced in accordance with the Bell Microsystems Ltd, trading as Bell Integration, integrated management system risk assessment process and has been approved for release. It has been written in commercial confidence and is copyright protected.

Contact us

With over 30 years of experience and offices across the globe, Bell Integration delivers Data Centre, Cloud and End User services within some of the world's most prestigious customer environments. With capabilities covering technology provision, consulting, project and managed services and asset retirement services, we add value to our customers at several touch points throughout the life-cycle of their IT environments.

See how Bell Integration can help your business succeed. Please contact us on marketing@bell-integration.com or visit www.bell-integration.com.

