

Combat Rising Energy Costs With Data Centre Optimisation

Right-size, Modernise and Transform



NICK PARASKEVA
Account Director
T +44 (0) 2392 825925
nparaskeva@bell-integration.com

Reduce Energy Costs Through Data Centre Optimisation

As inflationary pressure mounts on organisations, accelerated by surging energy prices, the costs of data centre hosting is a key target for infrastructure and operations' leaders to address in the most efficient way possible.

Data centre sustainability strategies need to address ongoing cost and power management as well as addressing environmental and supportability concerns.

Bell Integration delivers a comprehensive approach that combines both physical and virtual environment optimisation with the delivery of modern infrastructure platforms to maximise benefits.

We deliver

Cutting edge and cost effective DC solutions, underpinned by Bell's **vClarus platform**, improving efficiency, agility, security and control and provide:

- **Optimisation Assessment** - Combining the accelerated discovery capability within **vClarus** and Bell's expert consultants, we can quickly assess your data centre infrastructure, energy efficiency, physical installation and contracts to provide a set of recommendations and a prioritised heat map.

Forbes state 30% all of data centre workloads are orphaned which can be safely and securely removed, combined with modernisation and optimisation to deliver significant energy reduction and help meet environmental compliance.

- **Data Centre Compliance and Strategy** – Environmental Social Governance (ESG) is a focus for all organisations to measure not only their impact on the environment but can also be used to positively track and provide benefits realisation for data centre Initiatives. We support organisations through the delivery of ESG reporting to drive effective data centre, technology and cloud strategy through our advisory services.
- **Platform Rightsizing** – Focused on driving efficiency through the removal of orphaned servers, as well as the right sizing of workloads to drive energy reduction as well as significant cost reductions associated with hosting, storage & backup, support services and platform licences. Using **vClarus** we can quickly deliver against opportunities to optimise your infrastructure.
- **Data Centre Optimisation** – Power Usage Efficiency (PUE) within the data centre can significantly affect the overall cost of running your facilities. Ensuring best practice is implemented and effectively monitored throughout can reduce wasted cooling, as well as freeing up data centre capacity both in terms of physical space, power and cooling.
- **Platform Efficiency** – Modern IT infrastructure has many built-in efficiency capabilities that are often not utilised. Measures such as processor power management, variable fan speeds and system tuning, combined with effective workload management, can significantly reduce power consumption. We provide active monitoring and management services, driven by AI and Automation to deliver the most optimum solution for our customers.
- **IT Infrastructure Modernisation** – More modern data centre infrastructure drives higher density of workload by both physical and power consumption and drives additional benefits of reduced support and maintenance costs. With **vClarus**, we can accelerate the migration of workloads through an optimisation process, which may include transformation to deliver significant benefits of overall power consumption, support and license costs.
- **Data Centre & Cloud Migration & Consolidation** – Using vClarus, Bell helps customers accelerate their data centre and cloud migration strategies in order to achieve the optimum environment. **vClarus** can select optimised target platforms and accelerate migration activities to bring forward benefits' realisation, whilst also reducing the risk of migrations.
- **Availability Management** – Effective monitoring and management of the data centre and infrastructure platforms, inclusive of health, capacity, ESG and underpinned by AI & Automation to maximise operational and platform efficiencies, whilst continually delivering cost optimisation and driving up availability and quality of services.

Using the right DC optimisation strategy, our customers start achieving an **ROI within 90 days**.

Our comprehensive service provides an innovative approach to an improved energy efficient IT environment.



Contact us

With over 25 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 & 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

DRIVING DIGITAL TRANSFORMATION

