Data Centre Optimisation Advisory Service

Ultima's Data Centre Optimisation Advisory Service provides a holistic view of your existing current operating model and delivers both a roadmap for change and a transformation path to a modern target operating model.

What does Data Optimisation include?

The primary goal of this optimisation service is to assess the current level of infrastructure maturity within the data centre across hybrid IT, protection and security, and modern applications. Once this is understood, we identify a desired state and build a gap analysis highlighting the areas of people, process and technology to invest in for better alignment with your emerging business requirements. As well as leveraging more modern variants of IT technologies in use, it also takes advantage of technologies which help automate processes, create bridges between systems and wrap comprehensive management around the data centre and cloud. The scope can encompass all the core aspects of your data centre including; server hardware, virtualisation, server operating systems, platform availability, disaster recovery, storage, backup management, network, security and cloud platforms.

Why Optimise Your Data Centre?

Many current server environments are underpinned by ageing technology both on the servers themselves and the supporting infrastructure, namely; storage and networking. Such organisations are typically looking to optimise their data centre(s) to help resolve current challenges by providing IT the manageability it requires whilst providing the business with the varying levels of power and flexibility they need. Overall considerations for service level improvements, productivity and user experience are key to delivering an IT platform for the modern business and will help drive business value, ensuring that IT is an enabler. These improvements involve providing a long term supportable, automated, standardised and streamlined IT environment which can provide the agile platform required by the business.

All these requirements are underpinned by the business driving the need for a reduction in TCO (total cost of ownership) whilst at the same time, increasing the pressure for greater security, compliance and deeper integration with partners of external providers.

Ultima's Data Centre Advisory Approach

Ultima's Data Centre Optimisation Advisory Services Framework

Ultima's data centre optimisation methodology is a flexible consulting framework designed to address the complexities of evaluating, rationalising and optimising your data centre environment(s). It provides a holistic view of your current operating model, delivering a transformation path to a modern target operating model. This framework has not only been developed to assist organisations in assessing their data centre maturity, but it also assists with the definition and deployment of a flexible, optimised IT infrastructure. It links to business requirements (both IT and user) to create a flexible, efficient and managed server environment, centred around existing and complementary technologies. It achieves this by defining and using standardised scenarios that map business requirements to technology solutions, taking references from the Gartner Infrastructure Optimisation model and Ultima deployment best practices.

Steps to your Data Centre Optimisation Strategy

Analyse

A key activity within the engagement is the discovery and subsequent assessment of the existing environment and requirements. This information is gathered through workshop discussions and discovery processes. It identifies what is deployed, where to, why and how it is supported and managed.

Review

The technology review stage is designed to help organisations understand the capabilities of current, mainstream data centre and cloud technologies, determine which best matches the required business scenario(s) and review prerequisites and guidance in planning for change.

Define

A tailored response is created that takes into account key business requirements as well as existing investments, skills and budget. It details the existing environment, the proposed options, the cost and impact of change and provides a set of recommendations through independent advice and access to expertise across most leading IT infrastructure vendors.

Present

Ultima will present the strategy document back to the business in a structured workshop, and field questions against each of the sections. This presentation allows us to fully explain the various options proposed, the reasons behind them and the proposed next steps forward.

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