

ANALYSIS ENGINE STORAGE Features Overview



The Butterfly Storage Analysis Engine (AER) uses light-touch, agentless software technology to analyse your existing heterogeneous data storage environment. A non-intrusive analysis based on empirical production data collected in minutes and presented in days.

Source Environment and Overheads

Architecture and Configuration

Target Environment Benefits



Storage Capacity Analysis

36 month TCO and OPEX

Migration Planning & Resolved Operational Issues

The Butterfly Analysis Engine Report (AER):

- Visualise the size and complexity of your current environment
- Highlight risk and performance indicators across your complete storage infrastructure
- Directly compare current and potential storage environments
- Real, empirical data to uniquely show storage utilisation and growth without agents on hosts
- Recommends a target environment based on this bespoke mapping of your needs and existing situation
- Comprehensive, easy to read single pane report
- A business case that supports your migration project plans
- Delivers a roadmap for the consolidation and migration of all legacy data



ANALYSIS ENGINE REPORT STORAGE BENEFITS

SOURCE ENVIRONMENT AND OVERHEADS

Agent-less discovery of your hardware and software architecture based on empirical information. A fast, non-intrusive process, with no impact on operational teams or resources and no downtime. The storage wastage chart shows real storage utilisation: a unique analysis and display.



STORAGE CAPACITY ANALYSIS

Capacity metrics are provided from empirical data gained from minimal touch points across the total storage environment. They provide meaningful capacity and performance related information by host, disk tier and location.



ARCHITECTURE & CONFIGURATION

Visual representations of source and target environments. A unique Butterfly representation of a heterogeneous environment that is standardised through a normalisation of different vendor technologies and approaches.

Target configuration shows a unified contemporary architecture designed to accommodate a 36 month growth plan including all legacy data.



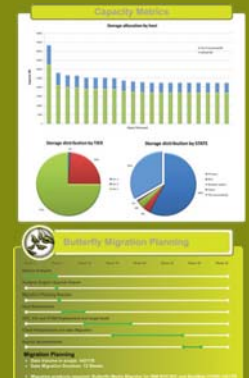
TARGET ENVIRONMENT BENEFITS

Details the target infrastructure components and tangible benefits achieved through utilisation efficiency. Identification of operational issues resolved in the transformed environment by migrating to a more effective strategic platform.



RESOLVED OPERATIONAL ISSUES

Projections are made based on current capacity metrics showing the effect of the target environment. This is based on best practise gained from top 20 Butterfly clients. Migration planning provides high-level project management utilising the Butterfly Migration Engine™.



BUSINESS CASE & TCO

A detailed TCO analysis of hardware infrastructure including empirically calculated growth and resultant energy savings. Highlights capacity savings year on year and the corresponding operational and capital expense.

Increase in storage utilisation towards best practice - aligning with business capacity and availability requirements utilising an efficient scalable architecture. Identifies and establishes a price-performance model that meets and exceeds business performance objectives.



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