



ANALYSIS ENGINE



Butterfly® is an innovative, totally automated application that enables companies to fully realise their data backup and recovery cost, risk and energy reducing strategies by facilitating completely flawless consolidation of all historic compliance data from their legacy environments; quickly, safely, cost effectively and without disruption.

ANALYSIS ENGINE KEY BENEFITS:

- Visualise the size and complexity of your current environment
- Analyse your exposure to risk and test your RTO and RPO objectives
- Process Butterfly Metrics™ from up to 4000 raw data indicators
- Risk and performance indicators across your complete backup infrastructure
- Directly compares current and potential backup environments even across proprietary systems
- Investigate strategic options and compare alternative configurations
- Real, empirical data not guesstimates
- 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



As the first step towards a full migration, the **Butterfly Analysis Engine™** provides a comprehensive view of your current backup and recovery environment.

All the relevant information and indicators, not just for data but for infrastructure, are collected and automatically tested and analysed by this powerful tool. The software presents the findings in an easily understood format that highlights the costs and risks in the current environment, directly compares those to the proposed solution, and drives migration decisions based on real empirical evidence.

For more information on the **Butterfly Migration Engine™** stage of a migration project, see the separate pdf or web page on www.butterflysoftware.net

Realise the size and complexity of your current environment

Backup and recovery systems are often complex. Compliance pressure on businesses to store more and more electronic information has meant the demand has grown exponentially and technology has constantly had to move forward to keep pace. However, the costs and risks traditionally associated with moving legacy data from old formats to new, together with data inherited from mergers and acquisitions, means that many enterprises maintain a plethora of disparate mothballed backup environments.

Many organisations are simply unaware of just how highly they are exposed to the risk of complete retrieval failure, let alone the amount of wasted costs spent on the upkeep of these outdated and inefficient infrastructures.

By collecting data from up to 4000 raw data feeds, Butterfly will use its unique Intelligence Engine™ to calculate customer specific Butterfly Metrics™, in addition to a visual representation of your current (source) environment.

Butterfly provides information on your recovery status (times / failures / formats / expiry dates / error logs), energy usage, configurations, storage capacities, infrastructure capability and other vital recovery objectives highlighting your exposure to risk and the efficiency of your overall systems, using actual, empirical real time information.

Butterfly's agent-less approach still enables the software to capture all relevant information but with virtually zero impact on the customer's backup environment. The collected data is secured and sent off site for use by the Analysis Engine.

Realise the scale of cost and energy savings you could be enjoying

To complete the picture, the software then compares the Butterfly Metrics against a potential target environment infrastructure.

The Intelligence Engine is able to standardise proprietary system's rules and nuances, and compare all the disparate legacy systems and any proposed strategic target solutions on a like for like basis in order to highlight the potential risk and cost savings.

A single pane view

All this wealth of information is condensed and summarised in an easy to read bespoke Analysis Engine Report (AER).

The AER presents all the relevant current and target environmental metrics in a user friendly, digestible layout that crosses the boundaries of business structure and gives clear business information that any key stakeholder can understand and appreciate utilising clear graphical and tabular displays.

In addition, the AER allows various parameters to be adjusted in the proposed target environment (types of server, storage capacity set-ups etc) to review the effect on overall performance factors and help support key business purchase decisions.

The ability of Butterfly to deliver such accurate analysis and comparisons removes the need for weeks, if not months, of manual effort and cost.

Prepare and plan for your data consolidation with confidence

The Butterfly Analysis Engine will drive your backup and recovery objectives by providing real evidence of current risk exposure and wasted costs.

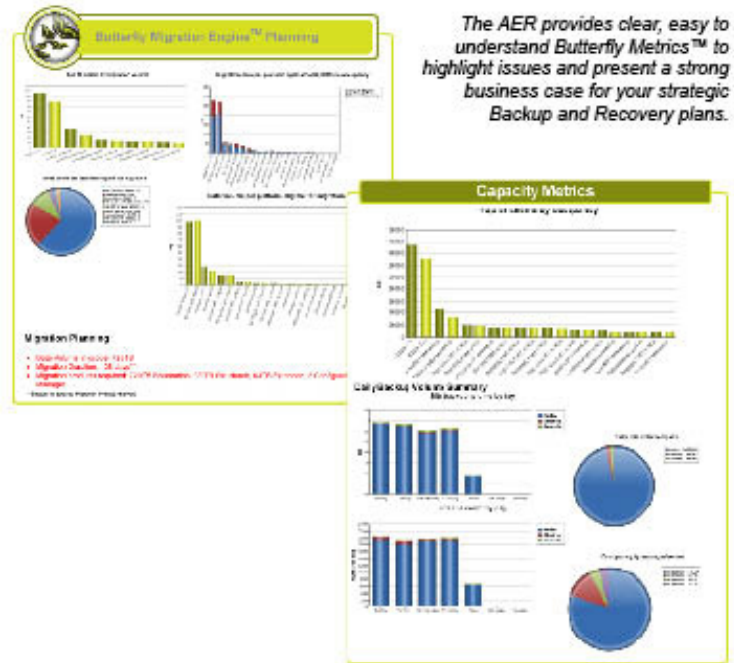
Not only will it support your new target infrastructure proposals, but the significant benefits it highlights after consolidating all your legacy backup systems will be there for all in the business to see.

You will now be ready to move onto the actual Migration stage of your project, supported by real data and a comprehensive migration plan of the proposed consolidation.

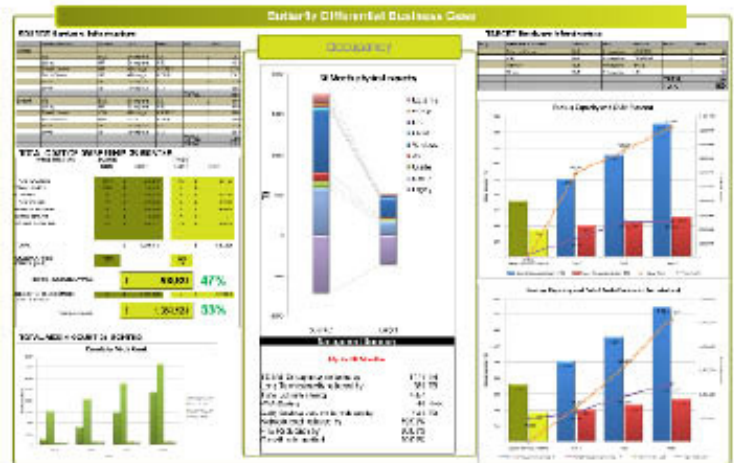
The unique insight provided by Butterfly Analysis Engine will have your organisation not thinking 'if we should migrate our historic data, but 'when can we start'?

Butterfly Metrics™ collates relevant information about the following:

- Platforms
- Servers
- Performance
- Volumes
- Settings
- Retention
- Error logs
- Capacities
- Clients
- Occupancy
- Storage
- Objects



The AER provides clear, easy to understand Butterfly Metrics™ to highlight issues and present a strong business case for your strategic Backup and Recovery plans.



Butterfly's AER demonstrates real business value to your organization

- Technology Alignment:** ★★★★★
- Risk Mitigation:** ★★★★★
- Cost Savings:** ★★★★★
- Resource Efficiency:** ★★★★★
- Productivity:** ★★★★★
- Carbon Footprint:** ★★★★★

