

Migrate to IBM Tivoli Storage Manager easily and confidently



Highlights

- Quickly visualize the size and complexity of your current environment with accurate empirical performance, capacity and risk information
 - Compare the proposed IBM Tivoli® Storage Manager solution and easily understand the value in scalability, performance and cost
 - Prepare, configure and perform automated data migrations safely, quickly and independently of the live backup production environment
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Butterfly enables organizations to fully realize their data protection reengineering strategies

Protecting data and ensuring fast and accurate restore is no longer a simple task. Data volumes are growing at 50 - 60 percent per year¹ and legacy backup applications struggle to scale to meet this challenge. Additionally, any number of point solutions—such as replication, CDP, deduplication, snapshots, and archiving—have been introduced into the environment to meet specific data protection challenges, leading to strains on administration and complicating recovery processes.

It's no surprise that many organizations are planning to reengineer or replace their backup systems to address these challenges. According to Gartner, "by 2013, at least 20 percent of organizations will have changed their primary backup vendor due to frustration over cost, complexity and/or capability, up from the typical single-digit percentage shifts today."² However, replacing a core piece of IT infrastructure such as the backup system is a large, complex and risky proposition, causing many to pause and even delay implementation indefinitely, further compounding the problem.

Selecting a strategic backup and recovery management solution is critically important and will impact the operational and financial effectiveness of the IT department for years to come. Traditional assessment tools such as ROI (Return on Investment) calculators can provide a rough estimate of savings, but in many instances lack an empirical baseline of costs and don't provide much in terms of actionable information and risk analysis when planning a change in the backup infrastructure.

Butterfly Software changes the game!

IBM has partnered with Butterfly Software to provide customers with a complete analysis of their existing backup infrastructure and an automated solution for migrating to a new IBM Tivoli Storage Manager platform.



Tivoli Storage Manager meets today's and tomorrow's data protection challenges. It easily scales to support the largest requirements, managing up to two billion data objects in a single Tivoli Storage Manager Server. It incorporates a wide range of data reduction technologies, including progressive incremental data capture and data deduplication, to reduce the growth of storage capacity requirements. In addition it provides a Unified Recovery Management platform to give you control of the entire data protection and recovery infrastructure, across the entire enterprise from laptop to main-frame and all from a single administrative console.

The **Butterfly Analysis Engine™** includes a unique library that contains efficiency and effectiveness statistics for various storage, server and infrastructure setups and configurations. It provides a complete view of your existing data and infrastructure, and presents the findings in an easily understood format that allows you to assess the cost and risk implications by comparing both your current and the proposed Tivoli Storage Manager backup environments. This ensures you can make confident migration decisions based on real empirical data.

Butterfly automatically scans your environment in minutes, without the need for host agents, processing Butterfly Metrics™ from up to 4,000 raw data indicators, and provides a comprehensive, easy-to-read single-pane report, from which you will be able to:

- Visualize the size and complexity of your current environment
- Analyze your exposure to risk and test your Recovery Time and Recovery Point Objectives
- View risk and performance indicators across your complete backup infrastructure
- Directly compare current and potential backup environments even across proprietary systems with a supporting business case
- Investigate strategic options and compare alternative configurations
- Completed with no disruption to your production teams in a matter of days not months

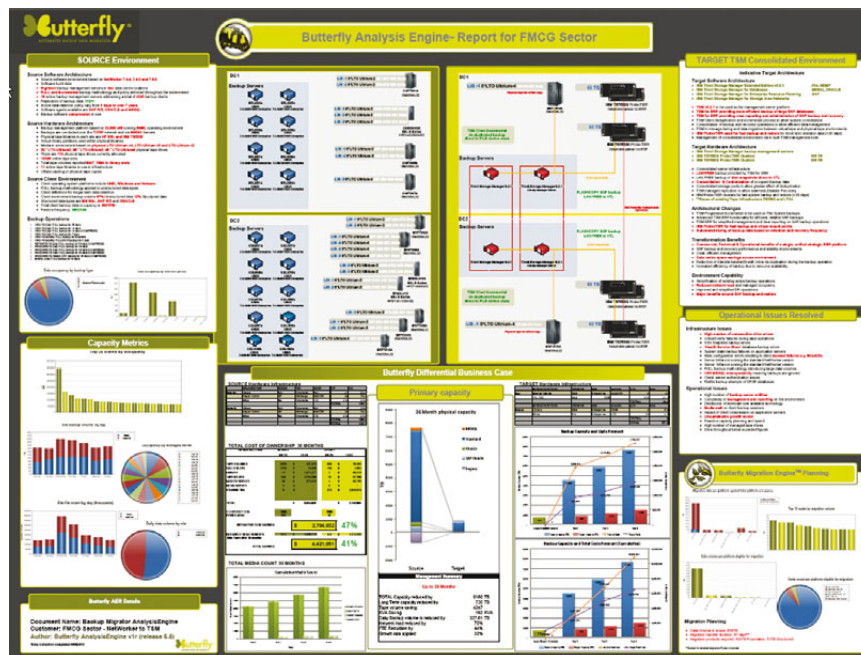


Figure 1: Example of the Butterfly Analysis Engine Report

Migrating to Tivoli Storage Manager—it's easy with Butterfly

The difficulty and risks involved in manual data migration often result in islands of legacy backup infrastructure. This situation is compounded as new infrastructure is commissioned for future data while at the same time you need to maintain the legacy software and hardware and retain skills on those platforms—even though the likely success of retrieving data will diminish over time.

The **Butterfly Migration Engine™** makes the decision to consolidate onto a strategic Tivoli Storage Manager platform easy. It prepares, configures and performs all the data transfers automatically. Adhering to strictly controlled protocols, Butterfly copies, cleans and places the relevant data into the new Tivoli Storage Manager format. It does this safely, quickly and completely independently of the live backup production environment. Once the migration is completed and verified, the legacy systems can be decommissioned and the cost savings fully realized. You can then leverage the

advanced features of the Tivoli Storage Manager platform for all legacy data, including data deduplication, data life-cycle management and unified recovery.

If you believe that your current data protection and recovery solution is struggling to meet your growing needs, costing too much, or is impossible to manage, IBM and its certified Business Partners can help define a new comprehensive, unified and scalable solution built on Tivoli Storage Manager.

With the help of the Butterfly Analysis Engine Report (AER), you will clearly understand how the proposed IBM solution will simplify the infrastructure and reduce costs and risk while improving performance and scalability, compared to your current environment. The Butterfly Migration Engine helps fully realize these benefits by automating the migration from your legacy systems quickly, securely and safely.

At last, there's a total solution that can help you realize the full potential of your data strategy. Butterfly has landed.

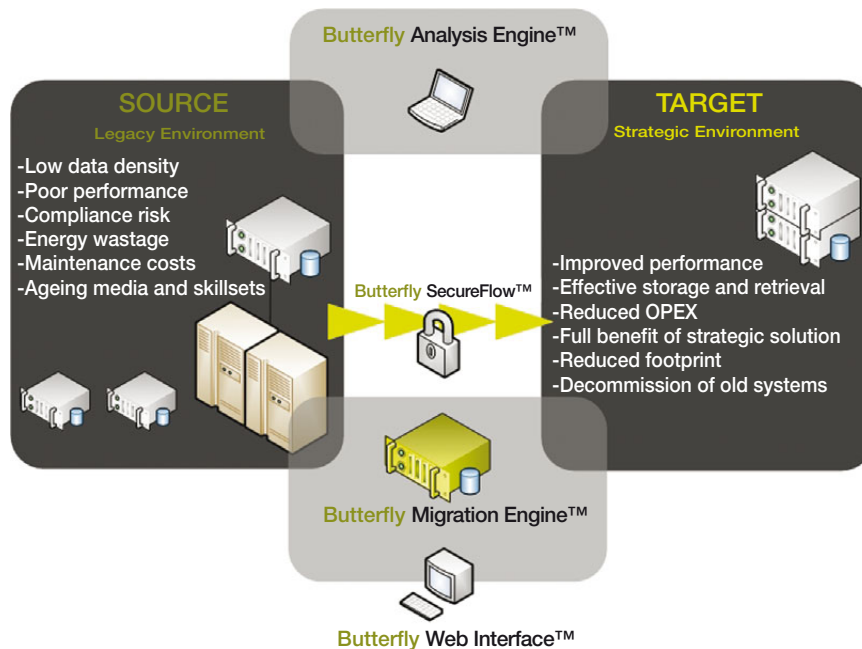


Figure 2: Overview of the Butterfly backup analysis and migration solution

For more information

To learn more about Butterfly, please contact your IBM sales representative or IBM Business Partner, or visit the following website: www.butterflysoftware.net

To learn more about IBM Tivoli Storage Manager, visit:

ibm.com/tivoli/products/storage-mgr

About Tivoli software from IBM

Tivoli software from IBM helps organizations efficiently and effectively manage IT resources, tasks and processes to meet ever-shifting business requirements and deliver flexible and responsive IT service management, while helping to reduce costs. The Tivoli portfolio spans software for security, compliance, storage, performance, availability, configuration, operations and IT lifecycle management, and is backed by world-class IBM services, support and research.

Additionally, financing solutions from IBM Global Financing can enable effective cash management, protection from technology obsolescence, improved total cost of ownership and return on investment. Also, our Global Asset Recovery Services help address environmental concerns with new, more energy-efficient solutions. For more information on IBM Global Financing, visit: ibm.com/financing



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December 2010
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¹ IDC, Worldwide Data Protection and Recovery Software 2010-2014 Forecast: Cloud, Deduplication, and Virtualization Stabilize Market, Doc.# 224526, August 2010

² Gartner #G00206028, "Best Practices for Addressing the Broken State of Backup," August 2010



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