



MEDIA MIGRATOR



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.

BUTTERFLY MEDIA MIGRATOR KEY BENEFITS:

- Consolidate all your legacy and current data onto your most effective storage media
- Upgrade your software and transfer your data without excessive consultancy charges or any disruption to your backup operations
- Clean and optimise your historic data files
- Fast and cost effective automated process
- Zero risk to any data
- Zero impact on your live production host environment, operational teams and resources
- Eliminate legacy media maintenance costs
- Greatly improve RTO and RPO objectives
- Decommission all your outdated media storage devices
- Fully scalable no matter how many mothballed B&R environments
- Full migration report to justify business case and highlight savings



The **Butterfly Media Migrator™** is part of the **Butterfly®** suite that has been specifically created for those organisations who wish to consolidate all their historic managed data into their main strategic backup and storage software solution choice.

The process involves copying the historic data onto the most effective retrieval media to maximise the efficiency of the strategic software solution or upgrade.

There is therefore no need to change suppliers of the software or hardware that the organisation has already invested in.

The historic problem of legacy data transfer

Most organisations try to keep pace with modern technology in order to benefit from the vast improvements in efficiency and performance that they can offer. Backup

and storage solutions are no exception, with the constant improvement in software and hardware available to meet that market's particular needs. As new media or upgrades to software arrive, those wishing to gain a competitive advantage will utilise the new technologies.

For example, moving onto a Virtual Tape Library (VTL) system for backup storage makes perfect business sense for many organisations, considering the vast savings in efficiency and risk reduction that the digital technology delivers. All good news for the data that you capture from that point on.

However, the problem still remains of the physical restraints of your historic data files. Data that you may, as an organisation, have to keep and have access to for up to seventy years in some industries. They may be kept on an old tape systems, for example, or they may have been stored under a previous version format, now unsupported.

How on earth do you transfer all that data onto your latest system?

The cost and risk associations to both the old data and the disruption it may potentially cause to the new environment are often considered too great. Even with native migration functionality included on most modern backup software, the complex processing decisions involved require arduous, resource intensive manual effort which furthermore introduces inherent risk.

The reality is that the normal transfer process is so granular and sequential that many attempts at consolidating historic data onto new environments, even within upgrades of the same software, have either failed or been abandoned due to the intense resource impact or duration of the work.

Step forward Butterfly®

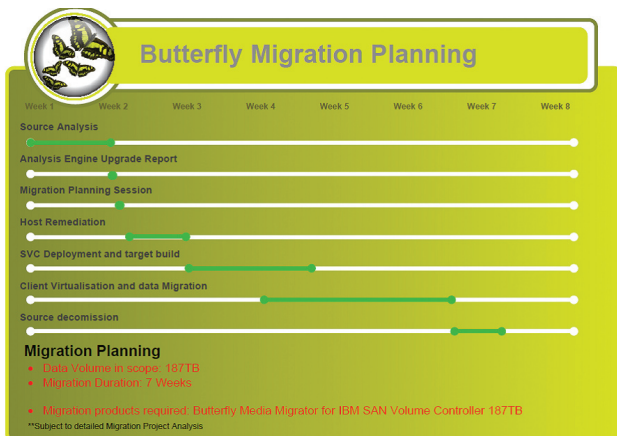
Butterfly's unique automated software engine understands both environments - the 'old' source and the efficient target.

Interrogating both environments via an independent server, Butterfly's in-built tools allow it to automatically re-align occupant data to the most efficient devices available and work out a migration plan that is fully controllable without disrupting any competing server processing jobs. What's more, using intelligent batching, the solution works out the most efficient process flow to move the

data from its less efficient environment which takes up the least processing time, and minimises the impact on the source environment. This process can be managed simultaneously across a number of managed storage legacy environments.

This unique automated 'server to server' (intra-server) consolidation using Butterfly Media Migrator is what makes such projects possible.

Butterfly also understands and recognises the de-duplicating methodology and so, upon data transfer, is able to harness the benefits of the target technology and significantly reduce the amount of data that needs to be stored for future retrieval purposes.



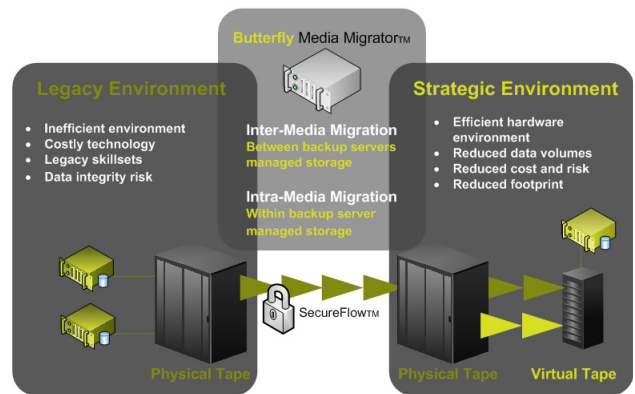
Butterfly Media Migrator™ enables your historic data to be consolidated safely onto your optimum media, hardware and software environment.

The process

Butterfly Media Migrator, once installed on a proxy server, intelligently seeks out the relevant backup management servers to be consolidated and allows the user to accept these via its unique web interface. The engine then completes a Migration Acceptance Readiness Survey (MARS) report, checking the available capacities in the target storage pool and recommending any parameter changes that could be used to 'fine tune' the migration.

Once ready, the Butterfly technology then controls the migration via the native functions of the installed management solution. The throughput rate is regulated by the system depending on pre-defined 'migration windows' and by what other backup operations are occupying system time in the current environment.

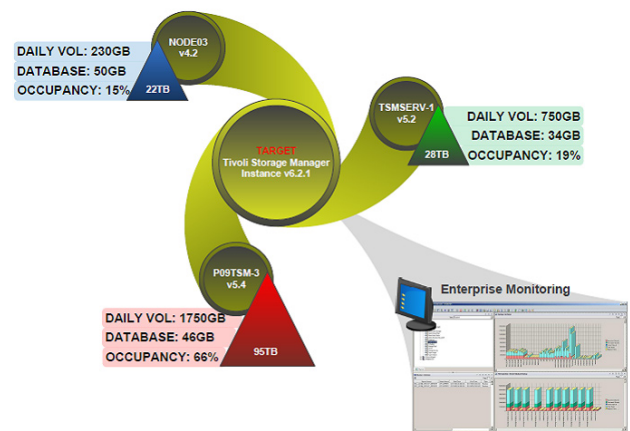
At all times the migration of the data onto the strategic storage technology is controlled by the web interface which reports on progress and any exceptions for consideration via real time reporting and a multitude of alerts, giving the user complete confidence in the operation no matter how complex.



Maximising your strategic investment

Butterfly is invaluable at identifying, scheduling and automating the workloads of data transfer necessary for consolidating any historic backup and recovery solution. Whereas before this task would have seemed insurmountable, Butterfly now makes it a priority for any organisation investing in modern efficient storage and retrieval solutions.

Only with Butterfly can an enterprise truly realise the benefits of modern storage capabilities, and effectively give themselves a fresh start for all their backup and recovery management objectives - not just for the information gathered going forward, but for all the information they are required to currently hold.



Butterfly Media Migrator can be applied to a number of scenarios where the organisation has already invested in a strategic backup and storage software solution, such as:

- Consolidation between storage types within a single managed system (Intra or inter)
- Consolidation onto upgraded versions or platforms

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