



MIGRATION 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.

MIGRATION ENGINE KEY BENEFITS:

- Consolidate all your legacy and current data
- 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
- Eliminate legacy infrastructure maintenance costs
- Decommission all your outdated infrastructure
- Fully scalable no matter how many mothballed B&R environments



The **Butterfly Migration Engine™** is an extremely powerful software solution that has been specifically designed to tackle the notorious cost and risk issues of moving historic backup data from legacy environments by exploiting intelligently controlled automation to safely consolidate all your data onto your strategic backup and recovery solution.

Once the procedure has been completed all your data can now be accessed from a single backup platform, improving your RTO and RPO objectives and ensuring you are legally compliant as well as reducing your overall carbon footprint.

The Butterfly migration follows a strictly defined process that ensures a smooth transfer with complete risk mitigation, based on the Butterfly Metrics™ in the Analysis Engine Report (AER). For more information on the Butterfly Analysis Engine™ see the separate pdf or web page on www.butterflysoftware.net

The Butterfly migration process

Set-up

Following the analysis stage a dedicated application server will be configured on-site and linked to the customer's monitoring environment. The entire migration will be controlled from a single point web interface.

Discovery

Building on the findings of the analysis, Butterfly's Intelligence Engine™ automatically gathers the information it needs on the data to be migrated including number of clients, data files, and associated retention policies.

Scheduling

The customer can now define the parameters for the migration, such as timeframes, priority data, server access times etc, based on their operational guidelines. Butterfly will then design the most effective migration schedule. This process, which would normally take weeks to define, literally takes a matter of minutes using Butterfly's Intelligence Engine, and can be adjusted and reviewed with ease.

Configure the target environment

Once batching is complete, Butterfly will recognise the new backup environment, and automatically configure the solution for acceptance of the historic data – in many environments Butterfly will actually install and configure the software itself. The Intelligence Engine is able to translate and replicate any proprietary data configurations to suit the new environment.

Furthermore, Butterfly will back itself up in the new target environment as a failsafe, before giving the confirmation that it is now ready to perform the migration.

Lock down and SecureFlow™ process

Butterfly is designed with your data security in mind. Once the migration process begins, the software copies the first batch of data transactions and file attributes into a totally secure mezzanine within the Migration Engine. No data is removed from the source at any time. This copied data information is then locked down inside the system, untouchable by any operators and ensuring complete data integrity between source and target points.

Post stage cleaning and optimising

As part of the migration process, Butterfly allows the customer to streamline their historic data content for the new environment as the batches are processed. Depending on the new environment software, the files can be de-duped, encrypted, compressed or excluded to maximise the capacity efficiency of the target solution.

Total control during migration

Butterfly allows complete control during the consolidation process. Daily reports, alerts, and visual displays keep you informed of progress until completion. The throttle control allows the speed of migration to be slowed or accelerated according to internal requirements.

Butterfly is able to log and report any individual failures in or out of the mezzanine in real time as the migration is at a transactional level.

The completion procedures

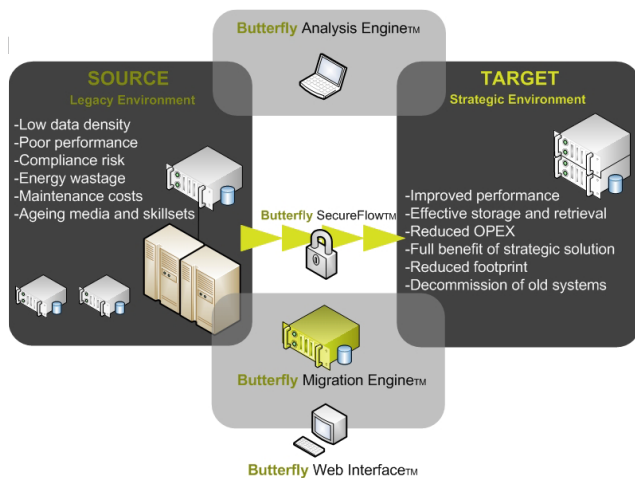
Once Butterfly has migrated all the legacy data, it will deliver a full exception report of any failed transactions which need to be addressed, and validate the data in the new system. All file and file system structure attributes are retained for future reference.

Once completely satisfied with the new environment and the data credibility, the customer is free to entirely decommission all old inefficient legacy environments and start realising the full potential of their strategic backup and recovery solution.

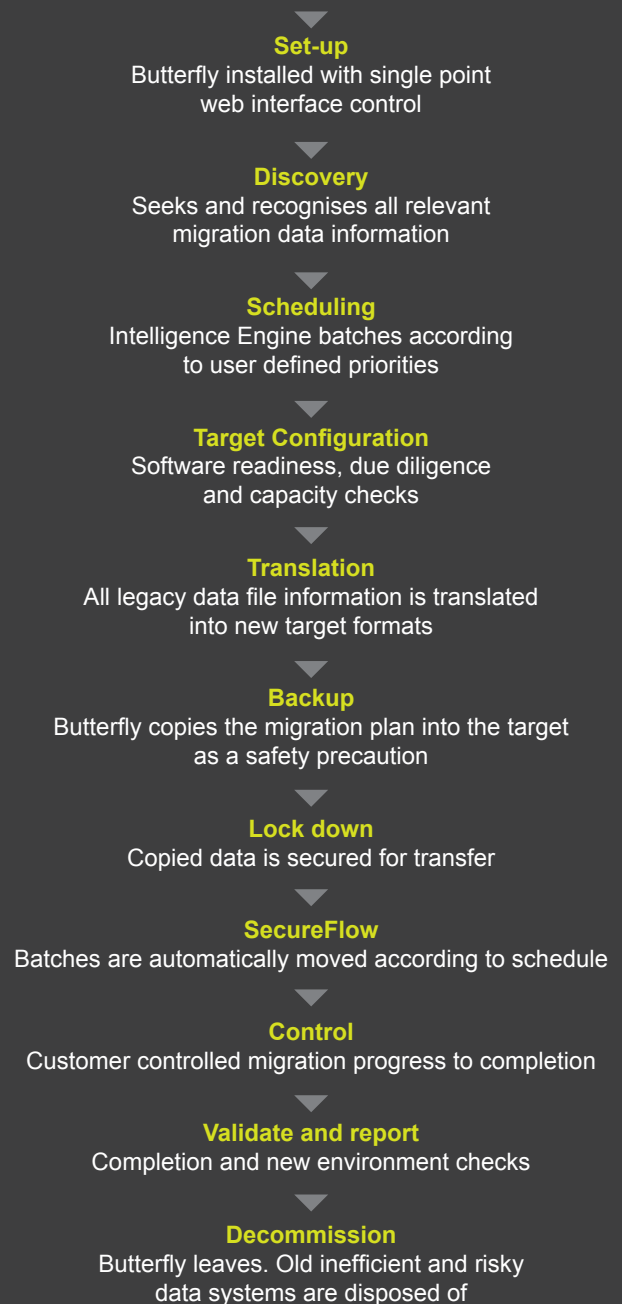
Complete scalability

Butterfly's Intelligence Engine's batching capability means the process is completely scalable, running several batch migrations in parallel if the source environments are particularly sizable and complex, controlled from a single umbrella management interface.

Whatever your current legacy platform, you can be confident that Butterfly's intelligent automated processes will safely optimise and quickly transfer your historic information onto your strategic solution with absolutely zero risk to your data.



The Butterfly Migration Engine™ process



REALISE YOUR FULL POTENTIAL

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