# DOCFUSION®

# DOCFUSION ENTERPRISE BATCH PROCESSING PLATFORM

Batch processing tools for modern enterprises that demand better governance, efficiency, and control

*Stop using ineffective tools that steal time and open your enterprise up to reputational, operational, and financial damage. Your enterprise deserves an advanced batch processing solution that can guarantee peace of mind through optimal output.*

**ACCURATE**  **CONSISTENT**  **ON TIME**

Enterprises in the banking and financial services space deal with massive volumes of highly complex documents on a regular basis. On top of this, they have to manage numerous legacy automation systems that are not necessarily up to the task in their current environment.

**The result:** Loads of files shuffled into different folders, scheduled tasks triggering fragile mail merges, and PDFs piling up, waiting to reach customers.

**Continued usage of legacy batch processing tools is a recipe for disaster.** One wrong file, and the whole batch crumbles, wasting time, resources, and pushing IT teams to their limits.

# CHALLENGES WITH LEGACY BATCH PROCESSING SYSTEMS

### SPEED OF EXECUTION
It can take days to process the millions of documents you need to output each month. Not only that but running batches could affect other systems due to the large volumes of data getting processed.

### TROUBLESHOOTING AND RESOLUTION OF FAULTY BATCHES
Detecting where errors originate from when dealing with volumes is like finding a needle in a haystack. Worst of all, it typically requires technical skills to hunt down. This can put a burden on your IT teams and generally requires batches to be rerun which results in valuable time and resources being wasted.

### TEMPLATE MANAGEMENT
The templates that form the basis of your personalised generated documents often require special coding skills or technical understanding of the solution architecture. Making mistakes can be costly.

### INTEGRATION WITH LEGACY AND NEW SYSTEMS
Traditional batch tools are not geared towards seamless integration, which means special skills requirements and elevated costs.

### MULTIPLE SOURCES OF DATA
Because your data is pulled from various sources, detection of data errors is not easy. This results in unpredictable errors that only surface at the last moment during business-critical operations.

### COMPLIANCE AND RISK MANAGEMENT
Instead of proactively providing for 100% compliance, traditional tools often only allow for reactive procedures.

# INTRODUCING DOCFUSION'S ENTERPRISE BATCH PROCESSING PLATFORM

Our batch document processing engine crushes all these challenges:

### DRASTICALLY DECREASE TURNAROUND TIME
DocFusion's Enterprise Batch Processing platform increases processing speed by 70%.

### ADVANCED ERROR HANDLING AND RECOVERY
Correct errors in real-time, ensuring continuous operation without the need for manual intervention.

### LOW-CODE TEMPLATE DEVELOPMENT
DocFusion's batch processing platform is built on the backbone of our powerful document generation platform. Our drag-and-drop Word-based interface democratises document generation processes by enabling team members to build templates without having to rely on special skills.

### SEAMLESS INTEGRATION
Our batch processing platform integrates with your existing systems, adapting to the way you work and ensuring agility and responsiveness.

### PROACTIVE VALIDATION OF DATA
No more surprises – Your data is verified before processing even begins, ensuring accuracy and compliance from the start.

### COMPLIANCE FROM THE GET-GO
Like the document generation and automation system it is built on, our batch platform enables any level of compliance, customised to your organisation.

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*It takes **five good customer experiences** to make up for **one bad** one, there is very little room for error\*.*

\* *Based on the research findings of John Tierney and Roy Baumeister*
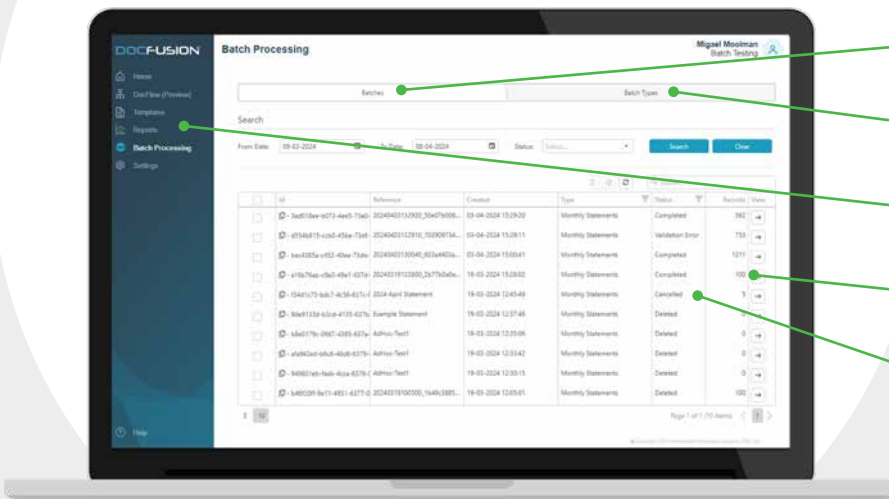
# HOW DOES IT WORK?

## THE DOCFUSION ENTERPRISE BATCH PROCESSING PLATFORM PROVIDES SYSTEMS INTEGRATORS AND BUSINESS USERS WITH TOOLS LIKE:

- **APIs:** Extend and customise batch processing functionalities according to specific requirements.
- **Client sync utilities:** Ensure efficient data synchronisation between disparate systems
- **Web-based interface:** Simplify administration tasks, making it easy to monitor and manage batch processes in real-time.

## OUR BATCH PLATFORM ENABLES BUSINESSES TO:

- Manage various batch types
- Track progress and manage the actual batches as they run
- Inspect errors and resolve batches on the fly
- Gain all the lifecycle management, governance, compliance and standardisation benefits of the entire DocFusion Platform but now applied to your batch processes.

Manage Recent Batches

Manage Batch Types

Manage Templates

Inspect Errors

Track Progress

Automate

## ALL OF THIS IS BUILT WITH END-TO-END AUTOMATION IN MIND

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# TRADITIONAL VS DOCFUSION DOCUMENT BATCH PROCESSING: A COMPARISON

| FEATURE | TRADITIONAL TOOLS | DOCFUSION'S PLATFORM |
|---|---|---|
| **SYNCHRONOUS VS ASYNCHRONOUS** | Synchronous in most cases. A payload is processed, and the generated document is retrieved as a single action before the next payload is processed. | **Scaled parallel processing with asynchronous calls.** Multiple payloads are processed at the same time. Payloads are processed in a fire-and-forget fashion and polling or webhooks are used to notify the system when the job is done so that the generated document can be retrieved in parallel, while processing continues in the background. |
| **PRIORITISATION** | First-In-First-Out (FIFO), One-at-a-time Document Generation. Input Payloads are processed from top to bottom. | **Efficient processing and execution planning.** DocFusion optimises the processing of batches in various ways to ensure a specific batch gets processed as efficiently as possible. Payloads are validated while others are still being added and processing happens in parallel. |
| **ERROR HANDLING** | The entire batch stops on the first error and could result in unprocessed items not getting processed until errors have been resolved. If a single payload fails, the entire batch fails and resolving this normally requires reprocessing of the entire batch over again. | **Processing continues even if an error occurs.** Individual errors can be resolved by providing updated payloads and entire batches that contain errors will successfully complete once all errors have been resolved. It is also possible to configure batches to ignore errors completely if required. |
| **DATA INTEGRATION** | No integration. Document generation typically uses placeholder replacement techniques to populate templates with data during document generation. This requires data to be collected and pre-processed into payloads that conform to the exact formats required by the template before documents can be generated. | **DocFusion has connectors to pull data directly from source systems** with specialised adornments that allow for the transformation of data into the correct formats on the fly, while generating documents. Pre-processing and upfront data aggregation is not required when generating documents. |
| **MONITORING & ADMINISTRATION** | No User Interface with no real-time insight into how batches are processed or errors that have occurred. This is normally maintained by developers and requires technical expertise to resolve issues or configure the system. | **Web-based real-time insights** into how batches are processing and errors that occur. Easy web-based administration, which can be maintained by a business user if need be. |
| **TEMPLATING & LIFECYCLE MANAGEMENT** | Some Templates, such as CSF, are built in xml with placeholders, comments, etc. Other systems use custom implementations, which also rely on placeholders with find-and-replace techniques. | **DocFusion templates are designed to support complex scenarios with advanced enterprise grade lifecycle management.** The DocFusion Template Designer has many advanced features, such as Connectors (pull data from its source), External References (sub-templates), Adornments (for calculations and data-transformations), and much more. DocFusion also has full template versioning, access control and lifecycle management features to ensure correct separation-of-concern as well as governance and control in an enterprise environment. |
| **PROCESS AUTOMATION AND MANUAL INTERVENTIONS** | Typically, this is a custom implementation for a specific process or solution. Future automatons require code to be copied and a new custom implementation to be created. When manual intervention is required, a technical expert is required to perform the manual steps. | **DocFusion's Enterprise Batch Processing APIs allow integration from various automation tools or custom code.** The APIs allow for the creation or management of batches in a consistent way, while allowing business users insight into processing and errors. The web-based interface also allows business users to manually create or manage batches when required. Batch Processing Approval is also supported. |

# BENEFITS OF USING OUR ADVANCED BATCH PROCESSING PLATFORM

Efficiently generate large volumes of complex documents

## FASTER TURNAROUND TIME

Reduce document processing times by up to 70%.

## COST SAVINGS & PROFITABILITY

Minimise financial loss resulting from errors, inefficiencies, and delays.

## RISK MANAGEMENT

Safeguard against data inaccuracies and operational risks.

## REPUTATION PROTECTION

Ensure the integrity of your customer-facing documents.

## RESOURCE OPTIMISATION

Reduce manual efforts and deploy resources at a time that suits you.

## ERROR MINIMISATION

Drastically lower the likelihood of human and system errors.

## BOOSTED PRODUCTIVITY

Faster document processing means higher efficiency.

## COMPLIANCE ASSURANCE

Stay ahead of regulatory compliance with ease.

Are you ready to take your company's reputation to levels of unprecedented excellence?

# GET A DEMO TODAY !

to find out how our Enterprise Batch Processing Platform can enable extreme efficiency, lightning-fast recovery from errors, top-notch governance and compliance, and massive improvement in architecture.