



# TECHNICAL BRILLIANCE for optimum document generation

**Assimilated Information Systems (AIS)** is a South African Software and Information Technology service provider specialising in an assortment of expert software development for Microsoft platforms.

At **AIS**, we know that in order for any organisation to function at its best, it requires innovative and practical solutions that enhance and streamline day-to-day workflow.

**Our DocFusion™** product suite allows you to do just that and more. **DocFusion™** is a superior software programme that “fuses” with Microsoft Word allowing businesses to address the challenges associated with creating and administrating documents - safely and securely.

## The benefits of **DocFusion™**



- ✓ Streamline your company's document creation
- ✓ Ensure document consistency throughout the entire business
- ✓ Effortlessly manage re-usable document parts
- ✓ Enhance document workflow
- ✓ Remove paper from processes

- ✓ Risk Mitigation  
(In governance and compliance)
- ✓ Improve productivity
- ✓ Reduce costs and increase revenue
- ✓ Improve document and content management
- ✓ Re - use existing processes, content and data

## With **DocFusion™** you can

- Generate documents on-demand or in batch
- Generate documents from multiple scalable templates, that are customisable and interconnected
- Manage templates and versions from a central repository
- Update templates dynamically
- Create documents in various formats
- Add digital signatures
- Create dynamic barcodes
- Distribute through multiple channels
- Apply dynamic branding
- Create workflows with a visual workflow designer that allows for complex document composition and generation processes for bulk statements, e-mailing, uploading and archiving of generated documents



## What is DocFusion™ ?

A SOA based scalable turnkey solution, to manage document generation, collation and compliance.

A flexible solution to manage information, resources and legal electronic communications, in a secure and time efficient manner.

An enforced version control of standard documentation (with the use of templates and style sheets), which in guaranteed document integrity, including version and control backups.

## Facilitated by what architecture ?

Platform: MS Server 2008/R2/2012

Virtualisation: Microsoft .NET 4.5

Reduce cost of ownership (Resources widely available).

Scale up, scale out, modular architecture, leverage multi-CPU, multi-server topology for performance and availability.

## How does DocFusion™ do this?

### Central template governance

- Update and publishing of templates in real-time
- External content store integration (SharePoint, FileNet etc.)
- Controlled and standardised document creation across the enterprise

### User Access Control

- Segregation of roles/responsibilities
- Integrated template management with Check-out and Check-In
- Template version control with Approval, Deferred Publishing, or external integration

### Design of document templates from within Microsoft® Word

- Leverages off existing Microsoft® Word skills for template design
- Changes to templates can be made by non-IT personnel

### Microsoft® Word plugin extends the document functionality allowing for logical building blocks:

- Automatic paragraph inclusion/exclusions and numbering, cross references
- Dynamic headers/footers/images
- Conditional Formatting
- C# Scripting (.NET API)
- Excel like formula expressions
- Template Libraries (Static File Reference, SharePoint, Dynamic)
- Adornments (Field Decorations, Formatting)
- Merging of data from multiple data source with the contents of a template
- In design testing of templates with multiple scenarios

### Use of other templates or external documents within a template, providing for

- Dynamic Branding
- Re-use of standardised documentation or document parts

### Effective and seamless integration with existing applications

- SOA (Service Orientated Architecture)
- Consume engine from multiple clients and technologies (JEE, C#, C++, VB etc.)
- Open Standards
- Extendable communication channels
- Flexible API to for extension points, Real-time and high volume processing

### Workflow and Process chaining allows for:

- Output in multiple formats e.g. PDF (Fillable), DOC, DOCX, RTF, HTML, MHT, TIF, SWF, SVG, TXT
- Distribution via multiple distribution channels
- Distribution to document management or storage repositories such as SharePoint, FileNet, CMS (packaged with built-in CMIS adapter)
- Deliver by print, fax, email, SMS or directory deployment
- Consumption of multiple source data formats such as XML, JSON, CSV
- Extendable data processing layer

### Electronic Signatures

- Biometrics (Signature Tablets), Certificates (Roaming/Local), Cloud-based signing (online, iPad)