



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 guarantees document integrity, including version control and backups.

Facilitated by what architecture ?

Platform: MS Server 2008/R2/2012/R2
Microsoft .NET 4.5
Microsoft SQL Server 2008/2012

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)