

# IBM Intelligent Functional Specification Document Gen for SAP Solutions

Transforms business requirements into process-specific functional specification documents for WRICEF objects



## Highlights

Generate FSDs from business requirements automatically

Ensure consistent format and standardized documentation

Accelerate creation using IBM repository and context

Leverage project documents for tailored FSDs

A Functional Specification Document (FSD) generation tool is designed to help businesses create comprehensive and standardized documents that outline functional requirements for key WRICEF objects. Including scope, business requirements, pseudo code, acceptance criteria and risks, issues and dependencies. This AI-enabled capability addresses a number of critical pain points and challenges faced by clients and project teams in functional specification document creation.

The primary pain points faced by clients when generating functional specifications for WRICEFs include inconsistent documentation due to diverse manual creation processes and lack of standardization. This results in varied formats, terminology, and levels of detail, often causing miscommunication between functional and technical teams, delays in development, and complications during testing and deployment. On the other hand, the time-consuming nature of manual efforts is another significant challenge, especially for complex enhancements or interfaces which require substantial manual documentation of business rules, data mappings, process flows, and technical requirements. Keeping these documents updated as requirements change further exacerbates the problem.

IBM Intelligent FSD Generation uses AI to rapidly create consistent, context-aware Functional Specification Documents from business inputs, streamlining documentation and accelerating project delivery.

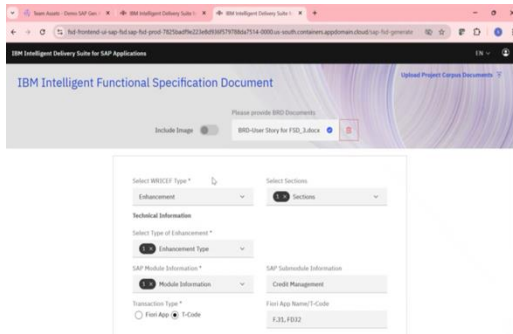


Figure 1. Create Functional Specification Documents from business inputs

## Generate FSDs from business requirements automatically

The solution uses generative AI to transform business requirement documents (BRDs) and user stories into comprehensive Functional Specification Documents (FSDs). This includes pseudo code, functional logic, and test scenarios, reducing manual effort and ensuring alignment with SAP best practices.

## Ensure consistent format and standardized documentation

The tool enforces standardized templates and terminology across all FSDs, eliminating inconsistencies caused by manual documentation. This improves clarity for developers and testers, streamlines handovers, and supports audit-readiness across SAP projects.

## Accelerate creation using IBM repository and context

By leveraging IBM's repository of design documents and intelligent matching capabilities, the tool speeds up FSD creation. It identifies relevant assets from the project corpus, enabling reuse and reducing turnaround time while maintaining high accuracy.

## Leverage project documents for tailored FSDs

Users can upload project-specific artifacts such as PDDs, BPHs, and existing FSDs. These inputs provide contextual grounding for the AI, allowing it to generate specifications that reflect the unique requirements, terminology, and processes of each SAP implementation.

**Conclusion:**

IBM Intelligent Functional Specification Generator delivers high-impact value by automating and standardizing the creation of WRICEF documentation. By leveraging project-specific inputs like BRDs, PDDs, and BPHs, and integrating intelligent document matching and LLM-driven content generation, it ensures faster delivery, improved accuracy, and consistent quality across SAP projects—empowering teams to focus more on solution design and less on manual documentation.

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**For more information**

To learn more about IBM Intelligent Functional Specification Document Generation for SAP Solutions contact your IBM representative or IBM Business Partner, or visit <https://ibm.biz/IBM-SAP-Value-Generation>

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