BEYKAN GÖZÜMOĞULLARI

Certified SAP MDG Consultant
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Education

Qualifications	Industrial Engineering Uludağ University, Turkey
Languages	English (fluent) Turkish (native)
Nationality	Turkish

Professional Experience

Short Profile

Beykan Gözümoğulları has SAP project experiences in the general area of SAP Enterprise Information Management. Additional SAP experiences include SAP ABAP OO development and Business Rules Framework (BRF+). His projects cover all aspects of a development lifecycle (implementation, going-live, support), in which his roles have been as consultant in both technical and functional capacities. Due to his background Mr. Gözümoğulları brings an excellent understanding for business processes in various industries, such as high-tech, services, and manufacturing and the abilities of SAP solutions to support these.

Main Competence

SAP MDG: MDG-M | MDG-BP | MDG-F

SAP ABAP methodology / ABAP OO

Business Rules Framework plus

Web Dynpro (MDG UIs)

SAP Projects

May 2023 – still ongoing ~ *Siemens Energy*

Sector: Energy Systems

Description: Due to several systems are used in this project, key mapping became complex topic and its hard to maintain. To overcome this issue, key mappings that have problem were detected and classified by its problem. Each key mapping problem has unique solution. Therefore, custom program was established to correct key mappings.

For the scope of S4E project, naming convention rules are implemented for MDG-F to enable dynamic key generation with correct hierarchy assignments determined dynamically.

Contribution details: MDG developer responsible for the technical realization of the MDG solution.

Apr 2023 – April 2024 ~ *Stellantis*

Sector: Automotive

Description: In this project, SAP MDG has been implemented with a particular emphasis on Mass Processing. This strategic utilization of Mass Processing enhances the project's data management capabilities, allowing for efficient handling of large data volumes. Notably, the implementation includes comprehensive validation checks within Mass Processing, ensuring data accuracy and alignment with predefined business rules and standards. This tailored integration of Mass Processing in the project underscores a commitment to optimizing data operations for streamlined and reliable outcomes.

Contribution details: MDG developer responsible for the technical realization of the MDG solution.

Dec 2022 – still ongoing ~ *Huf-Group*

Sector: Automotive Supplier

Description: Together with the medepia development team the S/4HANA master data hub concept is realized for material master data and also business partner data. An MDG framework has been introduced to control the MDG workflow and user interface behavior (UIBBs and field properties). MDG standard BADIs are implemented to trigger validation checks or generate derivations. Moreover, dynamic user agent determination is in place.
Further integration with 3rd-party systems (ASTRAS for customers and PDM for material) is in place. For the integration standard SOAP web services were used.

CDQ Data Provider Integration is accomplished for MDG classic-mode. Business Partner Creation is possible with CDQ's BP Lookup API.

Contribution details: MDG developer responsible for the technical realization of the MDG solution.

Oct 2022 – still ongoing ~ *Vaillant*

Sector: Heating, Ventilation and Air Conditioning

Description: Material data is initially created in SAP via a non-SAP PLM solution (PTC Windchill). The PLM solution monitors the material's lifecycle. After its creation an MDG-M enrichment process is triggered in the MDG system to enrich the material by different departments (roles) and different workflow steps. The change request type is set to parallel and dependent on the plant. This means that it is possible to create several MDG-M change requests for the same material but on a different plant.
The MDG workflow process comprises a costing run as a background job within the MDG-M workflow to calculate the standard price. Many MDG-M BAdIs are used as the workflow control needed to be highly adoptable, e.g.:

1. Dynamic user agent determination depending on workflow parameters (BAdI: Dynamic Selection of Agent in Rule-Based Workflow)
2. UIBB handling + dynamic field properties handling (BAdI: Access to Customer-Dependent Field Property Settings / Application Controller Assistance Class: /PLMU/CL_FRW_APPL_CNTRL_ASSIST)
3. Workflow step skip depending on material type and other parameters (BAdI: Calling of System Method for Rule-Based Workflow)
4. Parallel workflow items (BAdI: Handling of Parallel Results in Rule- Based Workflow)
5. Custom Validations and derivations were added (BAdI: Define Validations/Derivations)
6. Moreover, there are many BRF+ tables that hold data for controlling the workflow behavior, e.g. for the UAD, SKIP logic and check tables to derive data from for MDG-M UI fields.

Contribution details: MDG developer responsible for the technical realization of the MDG solution

Competencies

Operational / Professional	Working at the interface between technology and business administration, having a good understanding in both areas. Experienced of business processes and configuration in SAP MDM, MDG and ABAP developing skills especially in the general area of MDG business processes. Able to pick up fast and support quickly.
Personal	Taking on responsibility. Strategic and analytical thinking, ability to analyze and solve problems constructively. Learning every day.