



ROADMAP: 2022 – 2024

FIS/mpm for Master Data Management

Grafenrheinfeld, March 2022

ROADMAP *FIS*/mpm NextGeneration

NOTE

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ROADMAP *FIS/mpm*

THE APPLICATION AND ITS BENEFITS

The changing demands on Industry and Commerce 4.0 also involve an increase in data volume. The data quality significantly influences the value added of an SAP system and data becomes an important production factor with highest quality standards - arguments justifying an improvement of data handling with *FIS/mpm*, the SAP optimization for efficient master data management.

The *FIS* optimization supports you in maintaining master data in SAP even before the data is transferred to the production system and, therefore, significantly increases data quality. The data is only transferred to the system after successful validation and execution of check routines. As a consequence, **simple, fast and flexible master data management in SAP** is the central advantage of *FIS/mpm*.

Your benefits:

- Automated master data management within the business processes
- Governance support for consistent data by centrally controlled creation and change management
- Cost-efficient solution due to the omission of additional hardware
- Optimal data quality:
 - Integrates external data sources through standardized inbound interfaces, such as DATANORM
 - Integrated duplicate check
- Compliance requirements are fulfilled by documenting processing operations:
 - Storage in the inactive area (staging area) until final approval
 - Integration in Business Suite: uses SAP data models, UI, business logic and configuration for creation and validation
 - Standard solutions for master data objects in purchasing and sales

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2022 – Latest Developments

- Improvement of Fiori functionalities
- Redesign of output in one file
- Enhanced selection option for worklists
- Enhancement of export function
- Intelligent field mapping during import
- Cross-view preassignment of a worklist with default values
- Optimization of BOM maintenance in the material master maintenance tool
- VAT ID check
- Redesign of the menu bars in the maintenance tools
- Selective update of existing worklists
- Optimization of workflow evaluation
- Worklist creation from inbound IDoc

2023 – Planned Innovations

- Maintenance tool redesign with Fiori user interface
- Web form redesign with Fiori user interface
- Enhancement of the functional scope of the analysis tool
- Worklist creation from inbound IDoc
- Rule checks in the worklist

2024+ – Future Orientation

- Data harmonization
- Migration into the cloud
- Use of artificial intelligence (AI)

▪ Improvement of Fiori functionalities

Various Fiori functions have been enhanced in order to further improve user experience and performance.

- Worklist management: A new Fiori app can be used to search, display and manage the worklists for each maintenance tool in one application. It acts as a worklist "cockpit" that can be used to execute various actions, such as the display of detail information including application logs as well as the selection of data records for further processing. All follow-up activities, such as view enhancement, preassignment with default values, release and processing can directly be executed using the app. It is also possible to call the import and export of worklists and files from this app.
- Import of files: A new Fiori app now enables the import of files into worklists in a similar way as with the import transaction. At the end of the import process, it is possible to automatically go to the display and further processing of the worklist. For the new app, tiles are delivered as examples for the different maintenance tools in the standard user roles. It is also possible to tailor and configure the tiles user-specifically.

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2022 – Latest Developments

▪ Redesign of output in one file

A new transaction can be used to export master data into one file without having to specify key fields for the organizational units or a restructuring profile. As a consequence, a file can be output more rapidly and without any additional definition of a restructuring profile. Therefore, there is no restriction to specific views. The previous function concerning the output in one file in transaction /FISMMPM/EXP is no longer applicable.

▪ Enhanced selection option for worklists

As of now, the cross-user selection of worklists in the maintenance tools can be made not only for the current day but also for larger periods of time in the user settings. As a result, the user can access the worklists of other users more quickly.

The following options have been added:

- W+ = all worklists of the last 2 weeks
- 2+ = all worklists since the day before yesterday
- 1+ = all worklists since yesterday
- D = all worklists of the user of today
- D+ = all worklists of today

▪ Enhancement of export function

Enhancing the export function means a more intuitive operability. This makes the export function more easy to use and operate.

- Handling of NODATA fields during export: When exporting worklist data into a file, the field contents will be displayed irrespective of the NODATA flag. Previously, these field contents were ignored. If data of a worklist is exported into another worklist, the NODATA flags will continue to be adopted. However, users can trigger a reset of the NODATA flags using a specific authorization.
- Export of condition data records into the same worklist: Now, it is also possible to export condition records into the same worklist in several work steps. With new line numbers, the new lines will be added to the end of the worklist.

▪ Intelligent field mapping during import

Intelligent field mapping enables the analysis and convenient assignment of a file to be imported via machine learning. It is possible to newly create or update the indicators of the import columns directly during import. In addition, the views will be proposed automatically if the SAP field label can clearly be assigned to a view. For using intelligent field mapping, an additional subscription model service is offered.

- **Cross-view preassignment of a worklist with default values**

Now, a new pushbutton in the "material master", "business partner" and "documents" maintenance tools can also be used for the cross-view preassignment of default values. Therefore, it is no longer necessary to click each view separately. A one-time entry is sufficient for making the preassignments of all views. This function can also be called separately via a new transaction and integrated into the workflow. Calling the function via the new transaction means that the function can also be executed in the background outside the maintenance tool, for instance in case of very large worklists. The integration in the workflow enables subsequent data changes directly within the worklist.

- **Optimization of BOM maintenance in the material master maintenance tool**

The new "Plant assignment" view was added to BOM maintenance, which separately considers the data of SAP table MAST and the BOM header. This has the advantage that the plant assignment can directly be maintained in *FIS*/mpm and no longer has to be created or changed separately in the SAP transaction. Redundant lines in the *FIS*/mpm BOM header are avoided as a result. Moreover, the "Add components" function known from the ECC BOM maintenance tool was included, which can be used to easily add one or several items to several bills of material.

- **VAT ID check**

The validity of the VAT ID entered can be checked in the business partner maintenance tool via a Web service. This check is made together with the field check. The VAT ID check minimizes the risk of using an incorrect VAT ID and, consequently, tax risks.

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2022 – Latest Developments

- **Redesign of the menu bars in the maintenance tools**

To improve clarity, the menu bars at worklist header level have been redesigned in such a way that the icons will also be displayed on the web interface. The view selection is consistently placed on the left side and can be accessed via a dropdown menu.

- **Selective update of existing worklists**

This new option enables a field-related update when importing data into an existing worklist. This means that fields of a data record that are not imported will remain unaffected in the existing worklist. Previously, it was only possible to replace complete lines. The additional option enables a field-related change in the existing worklist and, consequently, a selective update.

- **Optimization of workflow evaluation**

When evaluating the runtime of the individual work items, the different workflow tasks are now broken down individually and listed with their respective subtotals/mean values. The total number of data records will be output for each subtotal as well. Furthermore, different time units are available for displaying the processing time. This enables a detailed workflow evaluation.

- **Worklist creation from inbound IDoc**

MATMAS IDocs can be copied to *FIS*/mpm worklists and further processed using an *FIS*/mpm workflow before they are posted in SAP. A deeper SAP integration is enabled by using this SAP standard format.

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2023 – Planned Innovations

- **Maintenance tool redesign with Fiori user interface**

For an advanced user experience, the individual GUI transactions are replaced step by step by new Fiori apps.

- **Web form redesign with Fiori user interface**

The Web forms are converted to the Fiori design in order to generate a uniform look & feel. Consequently, the user will find no differences between Web form and maintenance in the worklist.

- **Enhancement of the functional scope of the analysis tool**

There should be an option of concatenating analyses in order to integrate complex data checks with different decision criteria into an automated workflow. This means that individual analysis profiles remain easier and clearer. These individual analyses can be flexibly combined for different tasks and their process controlled. KPI evaluations should also be possible in the analysis tool. This could be used to determine the fulfillment level of important objectives or critical success factors.

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2023 – Planned Innovations

- **Worklist creation from inbound IDoc**

In addition to the material master, further IDoc formats are to be provided for the transfer to *FIS*/mpm worklists. This enables an automatic linking of the standard interface with the *FIS*/mpm workflow, which means a deeper SAP integration in this field as well.

- **Rule checks in the worklist**

In the worklist, rules can be checked both manually and in the workflow. As a result, rule violations can already be identified before they occur in the production master data.

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2024+ – Future Orientation

- **Data harmonization**

Automatic recognition and duplicate processing in the workflow improve data quality and cleanse unnecessary data records in the running operation.

- **Migration into the cloud**

FIS/mpm is to be available as a by-side solution in order to increase flexibility in use. It is expected that this solution will be made available on the basis of Business Technology Platform (BTP).

- **Use of artificial intelligence (AI)**

The enhancement of further functions via machine learning is to make processes even more efficient.

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YOUR CONTACT PERSONS

If you have any questions, suggestions or feedback, please feel free to contact us.

Please note that the information in this document is only an extract.

Detailed release information is available on request.



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