

Efficient master data management as the basis for your successful smart factory

WORKFLOW-BASED MASTER DATA MAINTENANCE WITH “ORSOFT MASTER DATA WORKFLOW”

The master data management process comprises many aspects which, taken as a whole, are highly complex and therefore prone to errors. In order to simplify and intelligently control the entire process, from data acquisition, validation, and verification to release and generation of the final object in SAP ERP, a suitable software tool is required.

Our solution “ORSOFT Master Data Workflow” is an extension for SAP ERP for workflow-based, quality-assured master data maintenance. The solution enables the storage of provisional, simulated or incompletely maintained master data outside of SAP ERP objects, whereby the data is stored in structures identical to SAP ERP.

Our solution for master data management at a glance

„ORSOFT Master Data Workflow“ is configured as SAP ERP or SAP S/4HANA add-on and uses the SAP infrastructure and the SAP authorization concept accordingly. All SAP ERP / SAP S/4HANA checking rules for master data are observed if required, and additional individual checking rules can be defined. Thanks to the possibility to define your own test rules, the solution is also suitable for cross-national applications with differing legal requirements. In addition, the solution can also store meta-information, which can be made accessible to all users.

The maintenance of master data is usually the responsibility of several employees who work in parallel. In order to guarantee the uniformity, structure and traceability of the maintenance process despite the parallel operations and independence of the employees, sample workflows with branches and mergers are created in our solution for selected master data types, which a business user can use to initiate a specific workflow.

The sophisticated supervisor function enables „ORSOFT Master Data Workflow“ to achieve efficient process management, which is supplemented by delay visualizations and an individually configurable notification concept. Using our master data management solution, higher data quality can be achieved with less processing time thanks to a user-friendly, intuitive user interface, for example through the integration of metadata, plausibility checks based on user-specific value tables and automated value assignment.



Technical focus of “ORSOFT Master Data Workflow”


“ORSOFT Master Data Workflow” supports the batch-oriented import of master data from external systems via database, XML and CSV interfaces. All existing test routines and consistency checks can also be applied to these import processes. Data transformations are possible both during the importing of data from an external source as well as after the model has been imported.


Support for frequently changing master data objects is an essential part of master data maintenance. Generally, this involves materials, customers, suppliers and parts lists. In the new SAP ERP S/4HANA, SAP provides a new object under the term “Business Partner” for suppliers and customers, which combines the characteristics of both objects. Despite the high complexity of this business partner module, “ORSOFT Master Data Workflow” is able to clearly and simply record SAP Business Partners in addition to classic changes to master data objects.


The transfer of data to SAP objects is user-controlled via a synchronization function. Only SAP-compliant techniques such as BAPI or Batch Input are used for synchronization, thus ensuring that all security and authorization mechanisms of the SAP system are in place. In addition to the original SAP master data fields with their check tables, object-related classification data can also be imported and edited. Integration of customer-specific tables and fields is also no problem.


In order to optimize the processing time, it is possible to model the process flow using sequential, parallel and conditioned steps. “ORSOFT Master Data Flow” offers a variety of modeling possibilities in order to cover different requirements for flexible workflow control. The user management of the software enables the definition of various roles with different levels of authorization, as well as custom-defined user groups.


THE BENEFITS OF THE “ORSOFT MASTER DATA WORKFLOW” AT A GLANCE


 Simplified, clear recording of rapidly increasing and frequently changing master data objects


 Ensuring the quality of master data before it is created in SAP ERP


 Support for mass changes to master data objects – with statically or dynamically rule-based definitions

 Governance, supervision and reporting of the master data maintenance processes

 Easily configurable workflows and collaborative working

 Batch-oriented import of master data from external systems with database, XML and CSV interfaces

 Flexible and dynamic role definition thanks to custom user management

 Re-validation of the SAP data set through evaluation and correction algorithms

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