



SUPPLIER MASTER DATA MANAGEMENT

Specific details of the service provided by MDEM Standards Group team

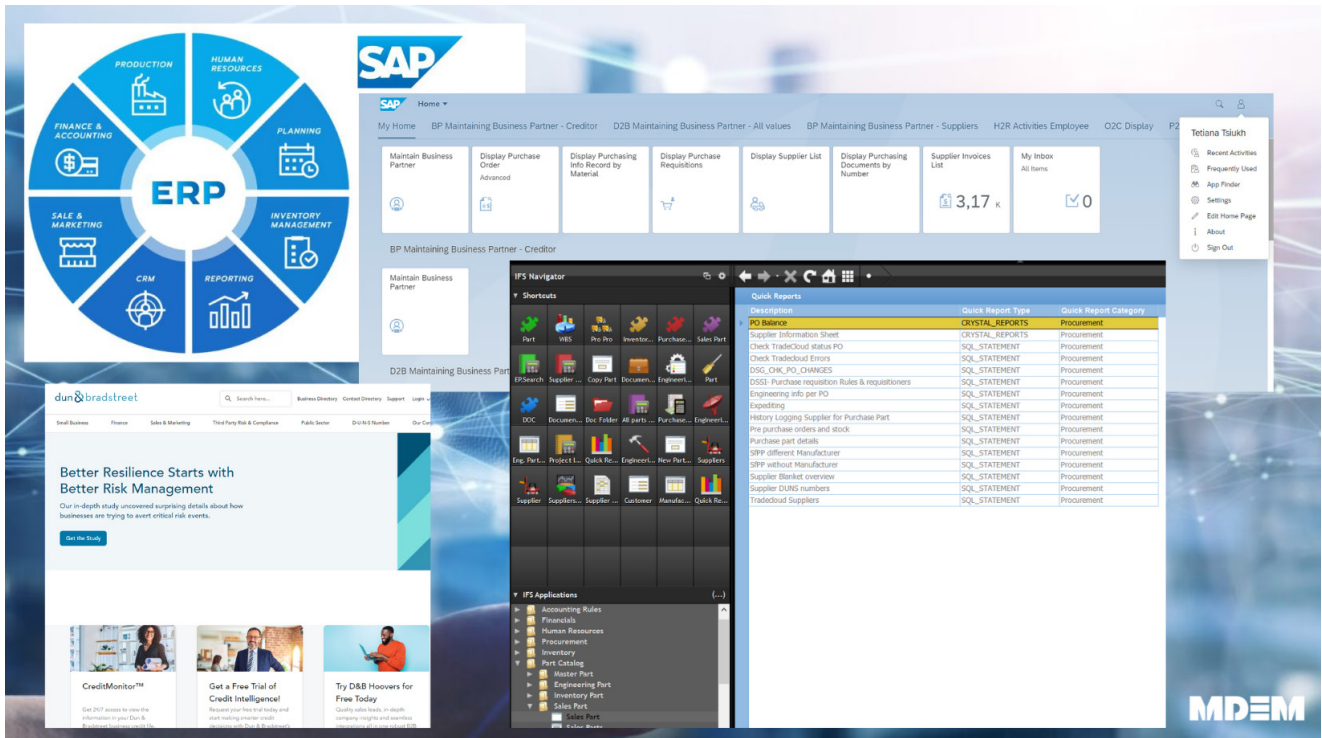
Nowadays Big Data is a well-known component of Industry 4.0 and is used as a tooling in many companies all over the world. Introduction of Big Data technology makes possible to achieve a high level of automation and manage huge databases in order to improve operational processes and make them more effective.

Enterprise Resource Planning (ERP) system combines all business processes and available resources of a company in a one integrated system and this allows to proceed fast and with less efforts, handle the data effectively for the benefit of organization. ERP systems comprise number of applications for financial management, human resources, procurement, supply chain

monitoring, production planning, and other processes that create a platform together with global database with a real time synchronisation.

All the data about the company suppliers is collected and properly managed in the ERP system is known as Supplier Master Data Management. Let's examine the specific details of this

service provided by MDEM Standards Group team (STD) of the Engineering Services department for Damen Group. MDEM Supplier Master Data Management team as a service has just started last summer. Main activity at a moment is data management in two ERPs (SAP & IFS 7.5) connected to the external resource Duns&Bradstreet base. Data migration from IFS to SAP is a separate process and is one more challenge for our experts. Our coordinator from Damen Global Support (DGSu) is the portfolio owner for the business partners in SAP. That is why it's no wonder we as a part of his team took proactive position in the migration process of all DAMEN Divisions from old ERP to the new one.



Previously Damen business processes were proceeded in IFS, and all engineering processes as well as procurement and other supply chain processes are still there. The vast majority of companies in the world are implementing objectives and tools of digitalization, and Damen is not an exception providing migration to a new and up to date data management model. SAP is part of the PLM project and it creates numerous possibilities for standardization and unification of ship design process, providing monitoring and management for procurement and other business relationships.

Tetiana Tsiukh took the lead of the team in MDEM, and now continues to manage it communicating with the main office in Gorinchem for efficient planning of all the activities as well as work sharing and loading of the personnel. The SMD team has started with specialists from STD and the financial department, who have been trained by DSGo experts and

at a moment are facing all the challenges together. As a result, a unique team has been created, steaming ahead and beneficiary using flexible STD resources to cover peak loads. It should be separately noted that all team members work in Ukraine, and currently we are looking for the talents to contribute into new service development.

Currently migration requires efforts, hard work and time, so it goes step by step and mostly in a manual mode because all supplier data migrates to the new ERP and at the same time goes through verification and updating. The main advantage of the new system for the company management is the possibility to simplify analysis and decision-making process for the supply chains. Therefore, the Damen Service division has become a pilot project of migration, considering complexity of tasks. A long-time successful cooperation has become starting point for the involvement of MDEM

STD group experts. Moreover, our group is going to participate in the migration of the engineering processes.

The new service is an important step forward in approaching PLM-systems' implementation. It also supports data migration as a part of global migration process to PLM-system dealing with data management automation as an important component of Industry 4.0. This means MDEM team contributes in Damen services development as well as knowledge acquisition for the company raising up the intellectual capacity of Ukrainian workforce. MDEM SMD team started last January with the data migration from IFS to SAP ERP systems for Damen procurement departments of almost all product groups. Process of migration includes data analysis, identification, modification, verification, validation and migration itself as a final result. At a moment the preparations for the migration of second division are ongoing, and the next ones are in line to start next year.

It should be noted that Damen experts from the main office in the Netherlands trust in Ukrainian team relying on the long-term cooperation and the reputation of MDEM Standards group. The group maintains the IFS7.5 database, AutoCAD and Cadmatic libraries on the daily basis, has numerous solutions and, what is not least, has a great experience of interaction with our Dutch colleagues.

So, SMDM team was created on request of Damen main office caused by the global digitalization of Damen services and necessity of database maintenance quality improvement for the business partners. Tetiana Tsiukh took the lead in the team and developed the relevant manuals and process workflow needed for cooperation with customers. Her efforts gave an opportunity to the junior specialist Oksana Shepel to join the team. Moreover, Tetiana with the team continues at the same time to maintain IFS database. We would like to emphasize that all the team players have been working

remotely since 2020 and provided high efficiency rate implementing the reliable communication matrix.

Starting up a new service means specific knowledge and skills acquiring, motivating the team as well as maximum accuracy and experience in big database analysis. As Tetiana noted, the competitive professional environment was the reason why we had to maintain several services in one time providing our own solutions. It helps our specialists to support each other in our team, to deal with the Clients' requests in the best way, and to provide a high-quality service in time overcoming the difficulties such as war, blackouts, stresses, etc. Currently, the team is raising up the expertise, supports the engineering departments with an economical background, and maintains the data migration for the financial departments.

Supplier Master Data Management team is expecting to get a lot of tasks in two ERP systems at the

same time, as well as Power BI tooling for analytical work together with the functionality of Excel for big data. All these things are impossible without advanced training and increasing the workforce capacity.

Regarding the Standards group it's absolutely clear that each of services will be developed in future: Part Catalog as the main engineering service will be rearranged for the SAP migration; Standard Drawings and Cadamatic Library Support are about to start migration to the new innovative PLM platform 3D EXPERIENCE. And no doubts that the successful start of the Supplier Master Data Management service within the Standards MDEM has happened due to our main priorities – high quality and reputation, to be in line with innovations. Would you like to know more about any other Standards Group activity? Stay tuned for our news. <<