



MDEM took part in the round table "Digital Transformation in Shipbuilding"



The International Forum "Trans Expo Odesa 2021" took place in Odessa from August 31 to September 2. On September 1, MDEM joined the round table "Blue Economy. Priorities and Initiatives", and in the afternoon - the round table - "Digital Transformation in Shipbuilding", organized by the Ukrainian Maritime Cluster, the Ministry of Strategic Industries and the Association of Industrial Automation of Ukraine.

The event was also attended by representatives of Softprom (the official dealers of Dassault System products), LLC SP Nibulon, LLC SP Ocean, Association of Shipbuilders of Ukraine "UKRSUDPROM".

The agenda of the round table covered the following aspects: the situation with the development of industry roadmaps for digital transformation, the possibility of implementing the SIRI (Smart Industry Readiness Index), the state and options for accelerating the transition of machine-building enterprises to modern CAD / CAECAM / PLM systems. It should be noted that the moderator of the round table was Ihor Lysytskiy, Head of the Digital Transformation Department of the Ministry of Strategic Industries, who set tasks for the participants to highlight the main challenges of digital transformation of the shipbuilding industry and suggest ways to solve them. Softprom and MDEM

are among active companies, which are involved in the transition process. Representatives of shipyards, which have to take part in the pilot project and become the locomotive of the digital transformation of the industry, also were among participants of the discussion.

Softprom - Value Added IT Distributor in Eastern Europe. Dmitry Kremez, representative of Softprom, told about one of the company's leading vendors - Dassault Systèmes - a developer of software for 3D design and product life cycle management (PLM), united by a single platform 3DEXPERIENCE. He outlined the stages of digital transformation in the context of the company's history, demonstrated examples of Dassault Systèmes solution architecture, provided an overview of the PLM platform 3DEXPERIENCE and other, which will be described in more detail in the article on the UMC website.

Stanislav Seleznov, MDEM representative, made a presentation "NAVAIS based PLM introduction". The company participates in NAVAIS – the program of the European Union (New, Advanced and Value-added Innovative Ships). NAVAIS consortium with the participation of the classification society BV will develop a platform-based modular product family approach supported by the 3DEXPERIENCE® integrated business platform. This opens up the possibility of creating a system of full life cycle of a vessel based on 3DEXPERIENCE platform from the Dassault Systèmes. The speaker's presentation covered aspects of PLM development based on NAVAIS, including: MDEM role in the project; planning of NAVAIS and PLM 3DX works in the company; activities performed in PLM 3DX; new roles and required knowledge dictated by PLM; knowledge acquisition and collaboration with project participants.

The participants of the round table conclude that NAVAIS project could become a prototype of a pilot project of digital transformation of the industry and agreed that Softprom will provide its vision of the project as a basis for consideration by UMC members and coordination with the Ministry of Strategic Industries soon. ■