



Interview with Tobias Pfendler, Head of Marketing and Product Strategy

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Question 1:

What effects does the ongoing digitalization in industry have on drive technology?

Like many field-level components, Dunkermotoren drives are becoming increasingly intelligent. Dunkermotoren uses its many years of experience in smart motor solutions and customer applications to offer suitable IIoT solutions based on these - without customers having to worry about connecting and analyzing motors. The software provided for Edge takes on the function of connecting the various motors to the cloud or providing data for customer applications. At the same time, a device cloud is currently being created that will function as a remote platform independent of location. This will enable, for example, analytics functions such as the prediction of failure probabilities or remote firmware downloads.

Question 2:

What are the most important advantages of intelligent drive solutions for mechanical and plant engineering?

In addition to the advantages of IIoT already described, completely new control topologies are also possible. From individual independently acting motors to completely decentralized software architectures, anything is possible. Machines and plants can be easily divided into individual modules and assembled by the machine builder according to the needs of the end customer.



Question 3:

How do the increasingly restrictive regulations for climate and environmental protection influence the development of new drive systems?

Manufacturers increasingly rely on efficient motor concepts. Dunkermotoren BLDC synchronous motors generally have an efficiency of well over 90% and meet the strict IE5 requirements.

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