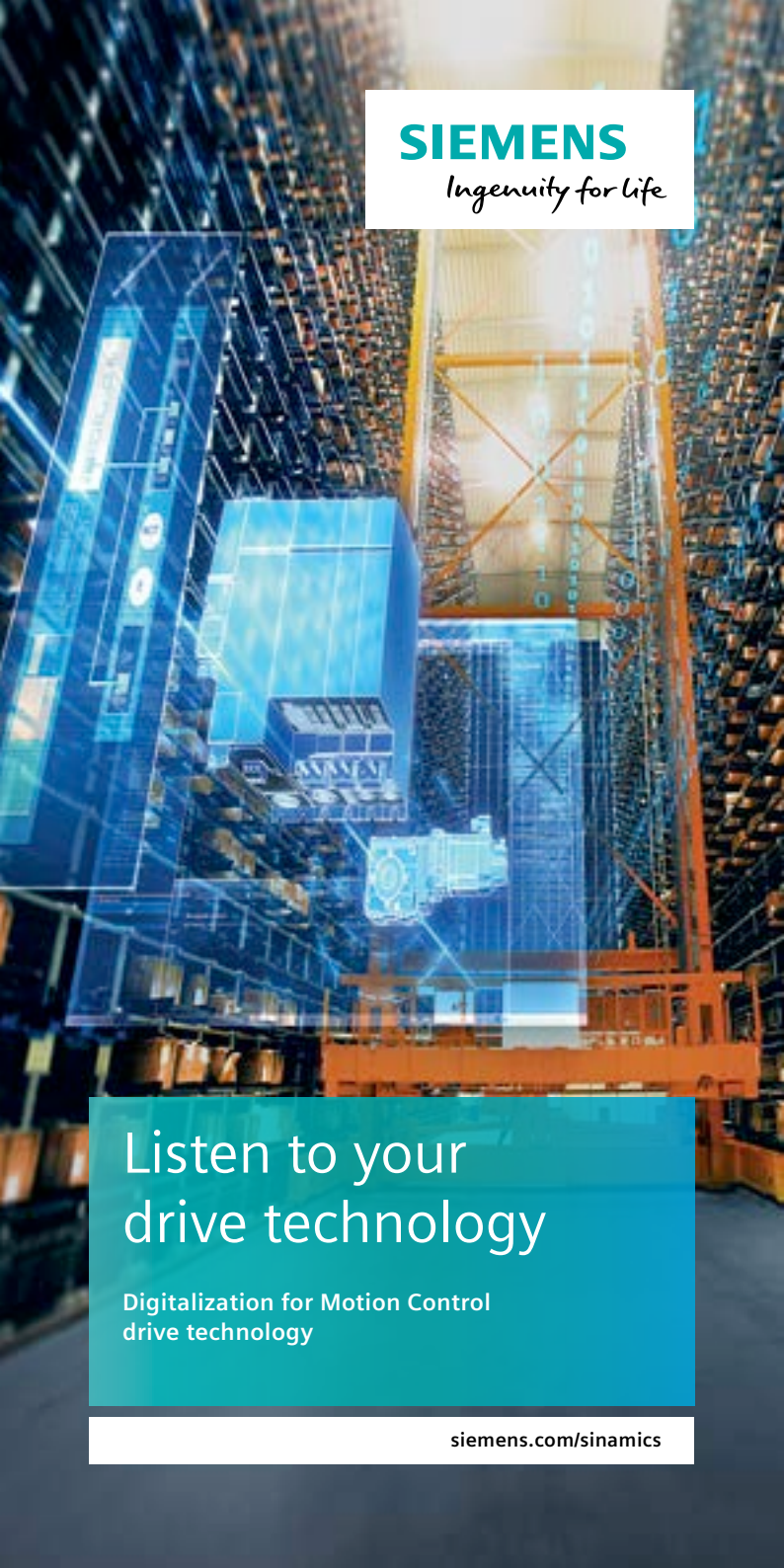
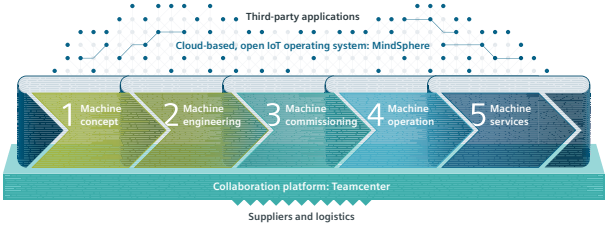


Listen to your drive technology

Digitalization for Motion Control drive technology

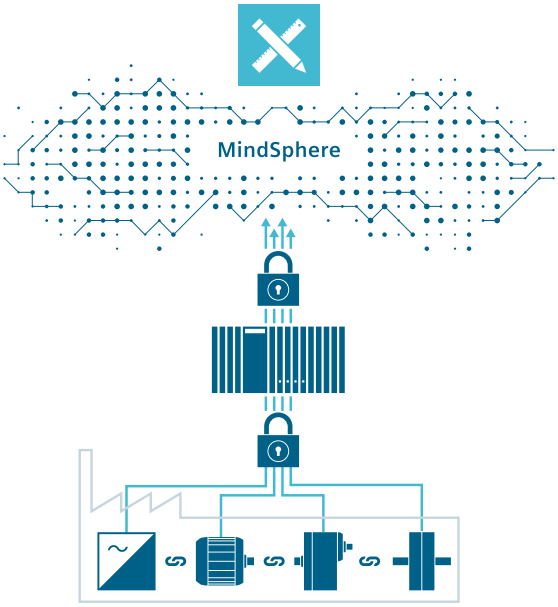
siemens.com/sinamics

Digitalization in drive technology – machine building perspectives



As digitalization changes everything, companies are transforming themselves into digital enterprises. This calls for new machine and plant concepts, which in turn lead to new requirements for plant engineering and machine building. The integration of drives and motors in your machine using consistent, end-to-end engineering tools offers numerous benefits and enables transparency along the entire drive train via a cloud connection.

Machine data turn into valuable knowledge



Analyze MyDrives delivers new insights into the drive train

Until now, maintenance of machines has usually occurred at fixed intervals, which often leads to the subsequent realization that maintenance was actually completely unnecessary. This practice results in costs due to unnecessary service, and restricts productivity because of regular plant downtimes.

The monitoring of drive components using the MindApp Analyze MyDrives prevents this by detecting the real service requirements through continuous monitoring of energy flow, output voltage, speed, and frequency.

The machine operator is proactively informed about critical operating states of the machine and the machine builder can offer service as needed. This approach increases machine utilization and productivity while reducing maintenance intervals and downtimes. The analysis of operating data even enables predictive maintenance and reduces non-conformance costs. Energy flows are also measured to determine potential energy savings, making it possible to implement comprehensive optimization measures and to reduce energy consumption.

Published by
Siemens AG

Digital Factory
Motion Control
P.O. Box 31 80
91050 Erlangen
Germany

Article No.: E20001-A540-P670-X-7600
Dispo 21500
fb 7887 SB 11172.0
Printed in Germany