

Success Stories



Software adaption instead of mechatronic component re-design.



Another Success Story

About the client

Our client is a leading developer and international manufacturer of electromagnetic actuators for the automotive and industrial industry with locations in America, Asia and Europe.

Client's Challenge

During the development of an air compressor for an OEM's air suspension system, the compressor exceeded current limits. Due to the OEM's schedule, a mechanical redesign was not possible.



MOTEON Approach

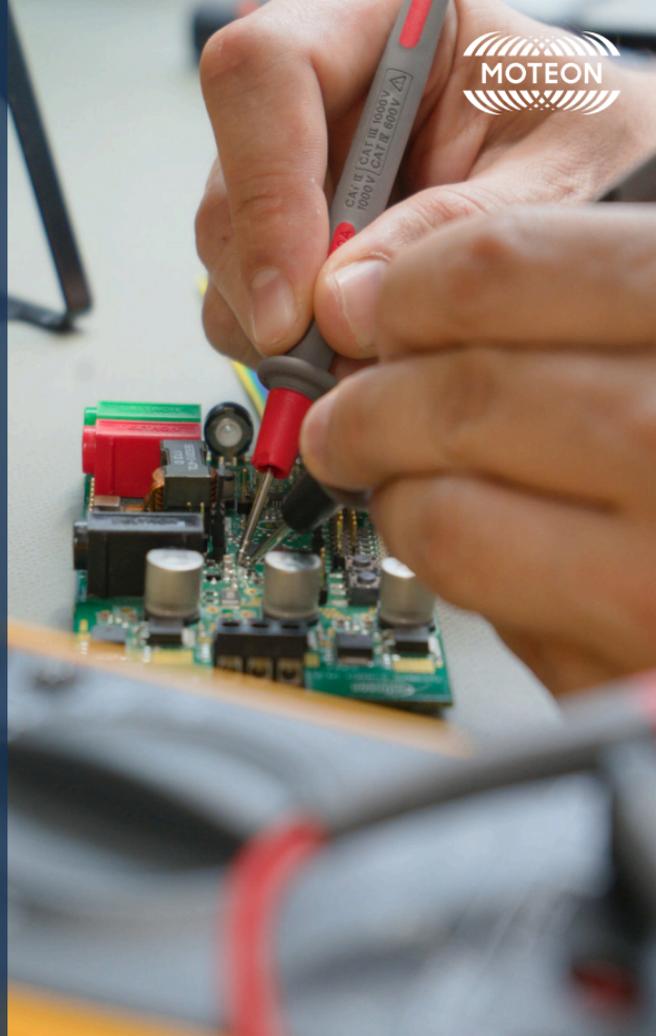
Our client wanted to evaluate whether the MOTEON software would overcome their current limit issue. This would have been time consuming and costly to adapt into their system.

MOTEON suggested to assess whether software adaptation would be sufficient and has reviewed and partially simulated the main system components (motor design, inverter design, control method and qualification setup). Improvement in the existing control software has made it possible to reduce current consumption.



Customer value

- // Solution in less than a month
- // Customer was able to implement a cost-effective solution
- // Opportunities for further software optimization were identified through system know-how





LETS GET IN TOUCH

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