



Let our expertise be your guide

Motor Management for LV and MV
high-power motor applications

schneider-electric.com/motor-management

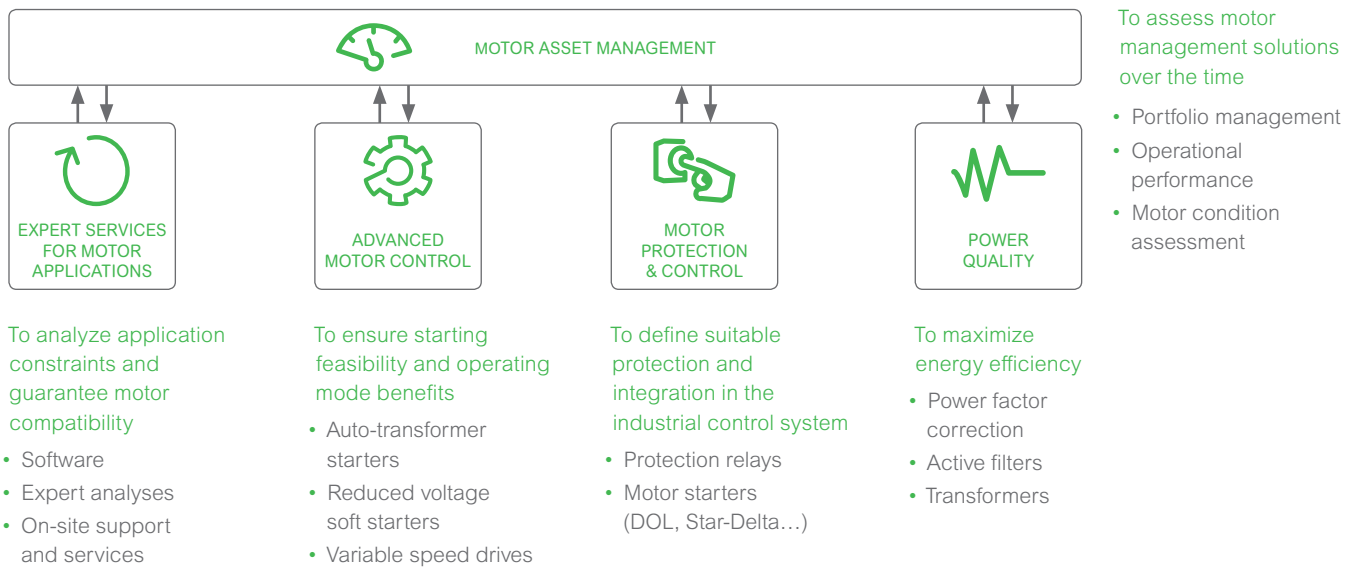
Life Is On

Schneider
Electric

Motor Management by Schneider Electric

Schneider Electric has developed a complete approach to meet the challenges you are facing. With five fundamental domains of expertise and a rich offer portfolio, we ensure the optimization of your investment and operating costs. Every relevant parameter of your electrical system and process is considered to build the most suitable and complete solution for your motor applications.

Key solutions



How Motor Management can help tackle the challenges of industries with high-power motors?*

Electrical Motor Management is often associated with motor maintenance, but involves much more. Experts of Schneider Electric associate Motor Management with all the challenges to design an optimized and simplified solution for a sustainable motor integration in the electrical system and the industrial process. Here are some of the challenges that industries with high-power motors face:

Electrical installation

- Maintain system voltage at acceptable level during start-up
- Control power factor and harmonics in normal operation
- Limit fault current contribution and impact on equipment sizing and cost

Process and mechanics

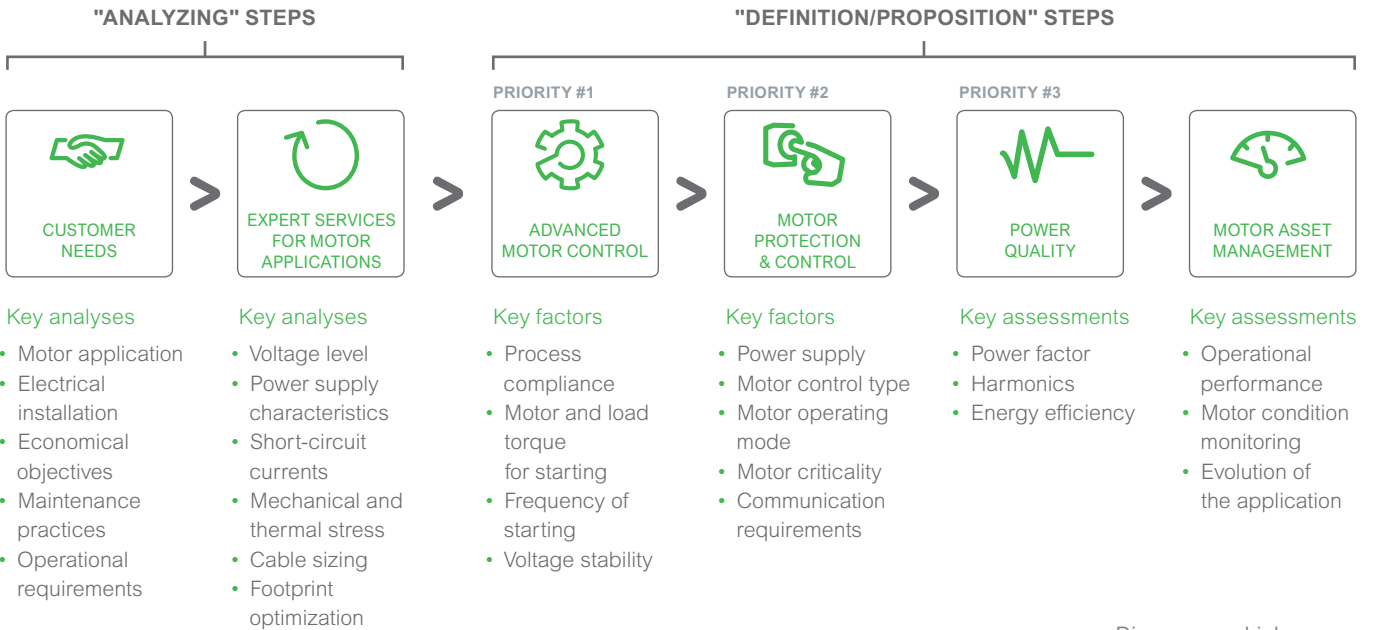
- Define an adequate torque and speed control solution for the application
- Avoid premature aging by limiting the mechanical stress on start-up

Maintenance

- Adapt maintenance actions to the specific characteristics of high-power motors
- Properly schedule maintenance operations
- Integrate preventive maintenance from the design of the electrical installation

* > 100 kW rated power

Our rigorous step-by-step approach for optimization and simplification



Concrete benefits for industries

Up to 20% investment savings thanks to the suitable voltage level.

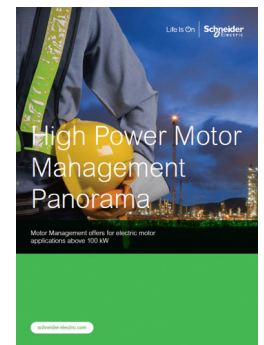
Up to 30% savings thanks to the proper engineering of Motor Management solutions.

Improved productivity and energy efficiency thanks to the digital services and analytics for preventive maintenance that help ensure high power quality.

Dedicated experts

From the analysis of your needs to the proposition of the most suitable technical solutions, the "Motor Management Competency Center" by Schneider Electric brings you true benefits in the design of LV and MV high-power motor applications: in-depth technical analysis, impartial advice, optimization and simplification of the technical solutions, guarantee of operation, and optimized total cost of ownership.

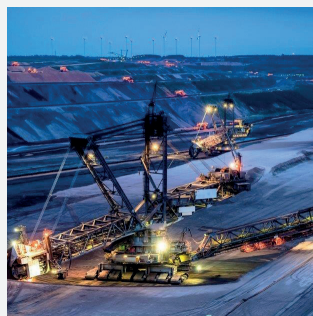
Discover our high-power Motor Management offer panorama



Motor Management is crucial for heavy industries where service continuity and process availability are key.



Water and Wastewater



Mining, Minerals and Metals

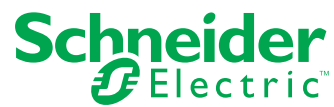


Oil and Gas



Marine

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Discover our Motor Management solutions:
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