

### Company Data

#### CONTACTS

**ALESSANDRO TASSI**  
CEO

**GIULIA LUCENTI**  
SALES DIRECTOR

**ANNA MAGGIONI**  
MARKETING DIRECTOR

#### COMPANY FOUNDED

1999

#### NUMBER OF EMPLOYEES

19

#### PLANNED EXHIBITIONS

**Coiltech Deutschland 2020**

Ulm, Germany - 1/2 April 2020

**Battery World 2020**

Piacenza, Italy - 6/7 May 2020

**Coiltech Pordenone 2020**

Pordenone, Italy - 23/24 September 2020

As a professional software distributor and user, **Spin** has developed a deep knowledge of the most important engineering simulation tools. We can therefore follow an extremely wide range of projects, about different devices employed in various applications. Some (non-exhaustive) examples are: electric motors, sensors, actuators, transformers. Each of these devices can be modeled, designed and optimized by us on the basis of the Customer needs.

For example we can calculate a Battery pack coolant streamline distribution, based on CFD simulation.

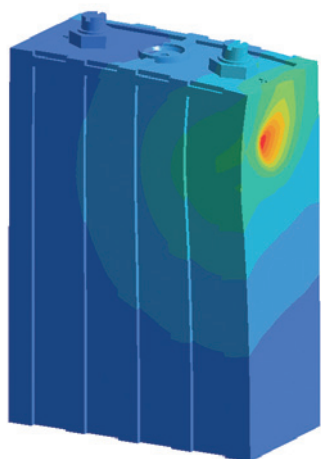
By leveraging its decade-long expertise in the field of Electromagnetics, Spin is able to provide the Customer with engineering services in several areas of concern related to energy storage systems:

- System-level modeling (e.g. battery charge/discharge cycle virtual test)
- Development of control strategies aimed to estimate the battery State Of Charge
- Creation of physics-based thermal models (lumped parameter 1D or 2D/3D FEA) to predict the behavior of the battery pack
- Other advanced CFD analyses to achieve a more accurate virtual prototype
- Mechanical analyses to check the strength of the energy storage package

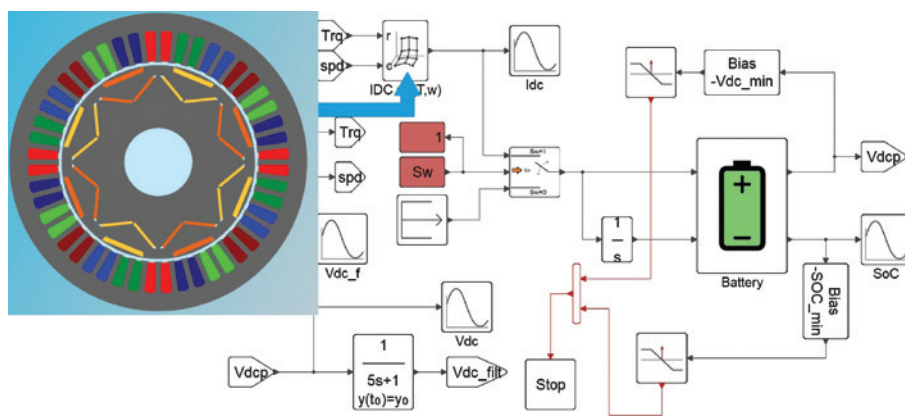
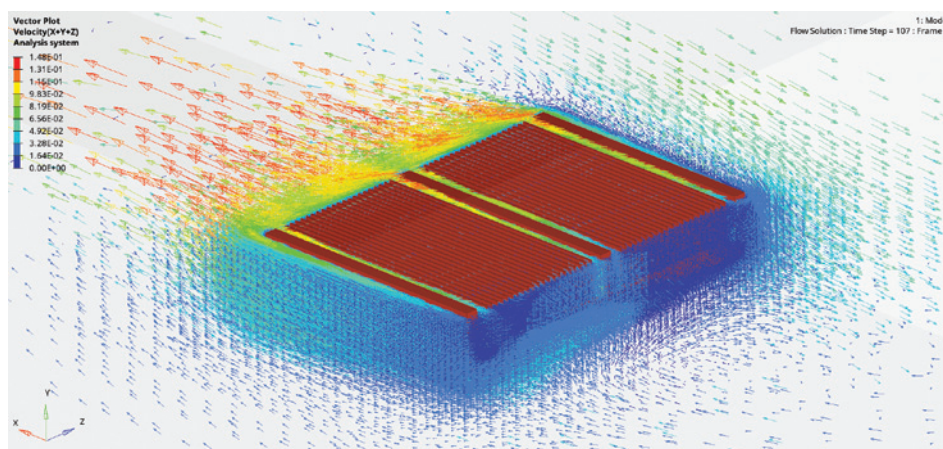
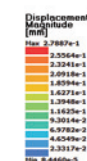
### Range of products&services

- DESIGN
- ENGINEERING

## SIMSOLID



Design study 1 | Structural 1



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