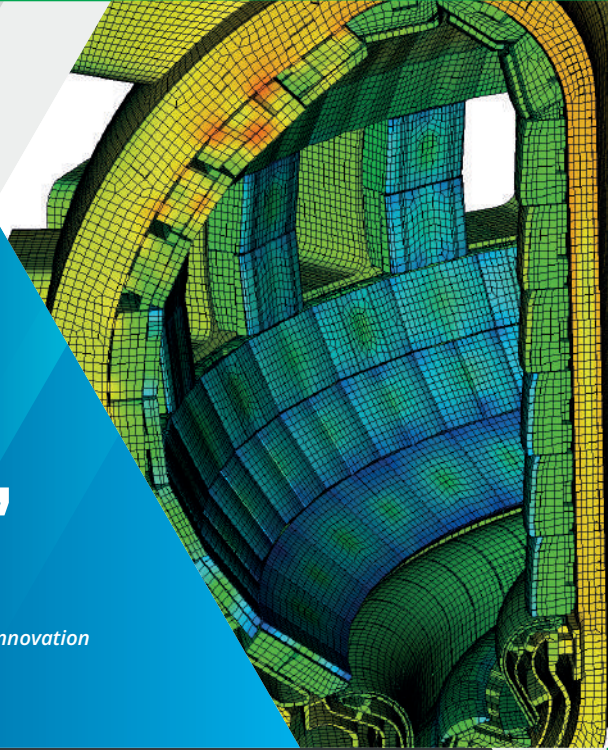


DESIGN

BETTER PRODUCTS, FASTER

*Harness the Power of Simulation to Accelerate Innovation
and Optimize Performance*



WHAT IS IT

Simulation uses mathematical models to replicate real-world systems, enabling design, testing, and optimization inside a computer while reducing the need for physical prototypes

WHY SIMULATION

- ✓ **Fast Development:** Shortens product design cycles
- ✓ **Cost Savings:** Minimizes the need for physical prototypes
- ✓ **Better Performance:** Improves efficiency and quality



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WHY US



Fast

Advanced algorithms deliver accurate results up to 5000x faster.



AI Integration

AI-driven generative design and automatic optimization.



Ease of Use

Intuitive interfaces make it accessible to all, including non-experts.



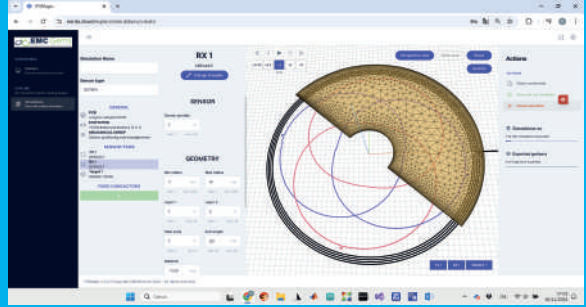
SaaS

Cloud-native platform runs seamlessly in any web browser.

IPSMagic

Inductive Sensors Design

Advanced Simulation Software for Designing Next-Generation Custom Inductive Sensors



www.digitaltwins.cloud

About IPSMagic

IPSMagic is a DaaS platform for designing custom inductive position sensors (IPS), combining advanced simulation and AI-driven optimization to simplify workflows and ensure accuracy.

Key Features

- ✓ Template-based parametric sensor design.
- ✓ Virtual characterization of a sensor behavior.
- ✓ Best sensor linearity error with optimization.
- ✓ Testing the effect of fixed conductors nearby.
- ✓ Testing target misalignments.
- ✓ Gerber export.

Other DaaS



Magnetic Sensors

MAGMagic is a DaaS platform for designing magnetic sensors.



Wireless Power Transfer

EMWizard is a DaaS platform for designing and optimizing wireless power transfer systems.



Transformers

EMWizard is a DaaS platform for designing and optimizing planar transformers.



Digital Twin

The platform seamlessly generates reduced order models to be used in physically-driven digital twins.



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