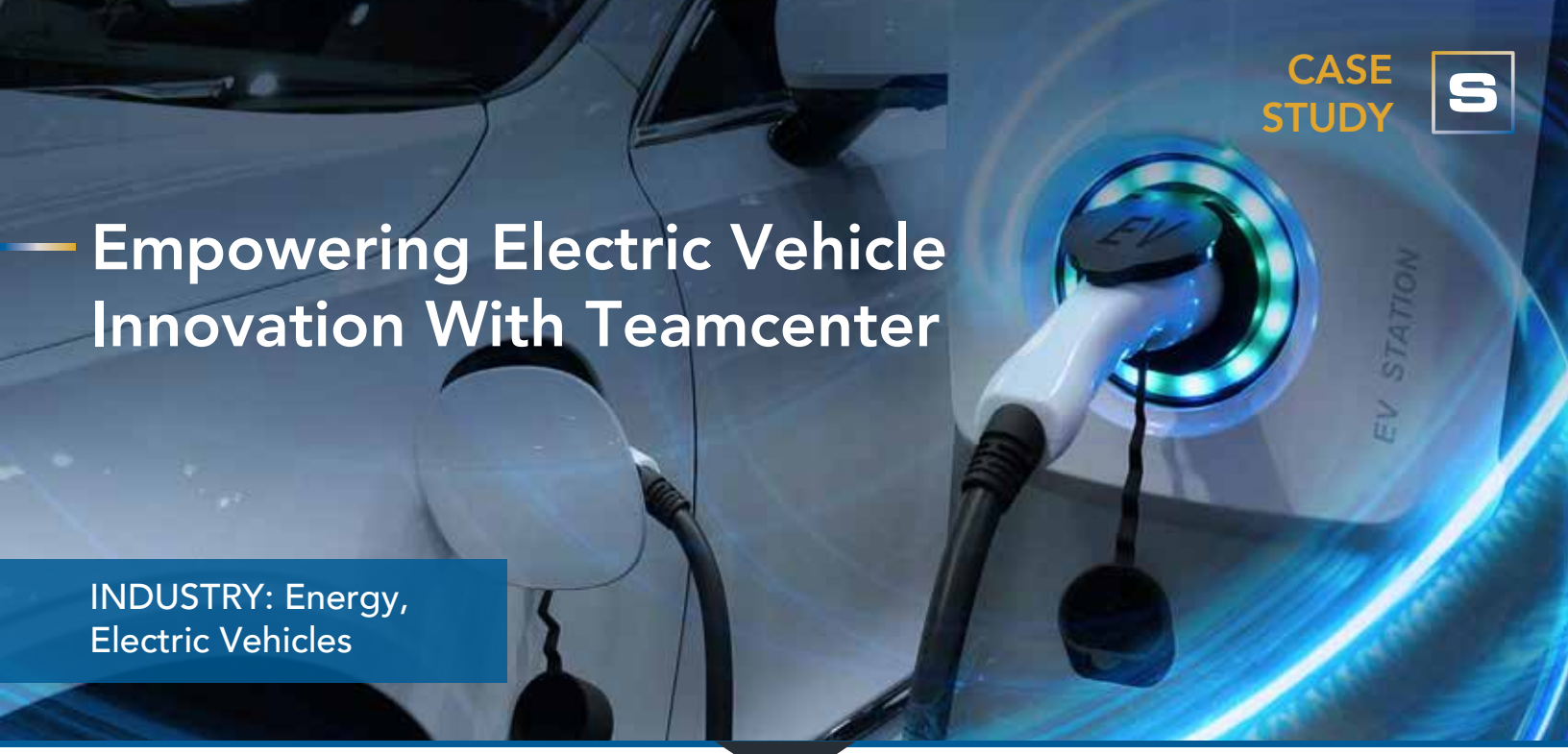


CASE STUDY

Empowering Electric Vehicle Innovation With Teamcenter

INDUSTRY: Energy, Electric Vehicles

COMPANY

one
our next energy

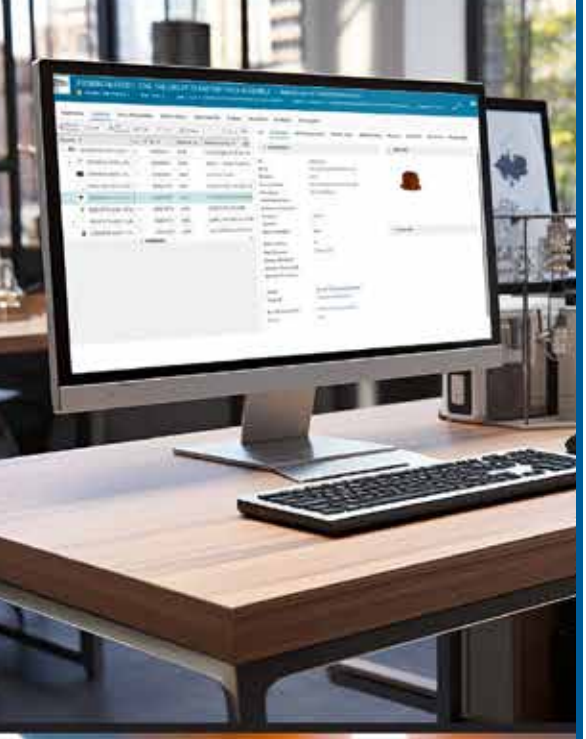
> "Saratech provided their expertise in implementing cloud-hosted engineering software for a new product company like us. They have been very accommodating of our expanding needs in the Siemens product portfolio, allocating their resources and helping us accomplish our goal of becoming the battery technology leader in the USA. Our goal is to establish a "Digital-Twin" not just in our product development, but all the way through manufacturing, delivery, and service of our products."
>
> - Senthil Sivan
> Senior Software Architect, ONE

CHALLENGE

Our Next Energy (ONE), is a pioneering force in the advancement of electric vehicle technology, dedicated to overcoming obstacles to electrification. By doubling the range of electric vehicles, prioritizing safety through innovative chemistry and pack design, and utilizing sustainable materials, ONE is accelerating the world's progress toward achieving net zero emissions. As an early-stage startup, ONE initially adopted an off-the-shelf Product Lifecycle Management (PLM) solution to establish a foundation while gradually expanding their customer and product portfolios. Recognizing the inherent limitations of their initial tool choice, they made a strategic decision to transition their engineering tool standards to the automotive industry standard of Siemens tools. This move aligns seamlessly with their mission to "Double the driving range for electric vehicles," ensuring their optimization to drive innovation and advancement in the electric vehicle sector.

SOLUTIONS

The expertise of the Saratech team proved indispensable in seamlessly migrating all of ONE's existing products from the legacy system to Teamcenter. With this transition, ONE now benefits from enhanced collaboration across all product groups, including Cell Product Development, Battery Pack Development, and the Grid Storage team, all operating cohesively within the Siemens software suite. Additionally, the Teamcenter Enterprise was successfully integrated with their ERP platform (Dynamics 365), facilitating synchronized management of items and inventory for optimized supply chain operations.





RESULTS

The seamless success of ONE's transition of its engineering team to the Siemens platform can be attributed to the extended support and resources provided by Saratech. With our invaluable assistance, the process was executed at lightning speed, surpassing expectations. Despite the startup constraints faced by ONE, Saratech's expertise and resources played a pivotal role in accelerating their product development cycle, marking a significant milestone in their journey.

LIGHTNING FAST

EXTENDED SUPPORT

VALUABLE RESOURCES

ABOUT SARATECH

Saratech provides engineering solutions to help companies realize better products. We supply engineering expertise, services, software, and manufacturing solutions to improve product development experiences. Our dedicated engineering team uses the software and tools that we sell and support while employing industry best practices and methodologies. We serve customers in all major industries, including energy & utilities, aerospace, space, marine, defense, automotive, manufacturing, industrial machinery, medical, electronics, consumer products, and more.

Partner with us to solve challenges and accelerate your development cycle, contact us today to request your free consultation: 949.481.3267 | info@saratech.com

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