


saviant®
applying intelligence

Client PROFILE.

Simplifying the industrial
world with technology
& human intelligence

2024

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About Saviant



Saviant Consulting is a technology solutions provider specializing in empowering enterprises in the industrial automation and energy sectors. With a strong focus on driving digital transformation, Saviant helps businesses leverage intelligent software, data analytics, and cloud platforms to streamline operations and enhance performance. Their expertise in integrating cutting-edge technologies into mission-critical systems has positioned them as a trusted partner for companies seeking to optimize their workflows, reduce operational inefficiencies, and scale effectively.



Vision

Saviant Consulting is driven by a clear vision: to be the most respected consulting organization within the industrial automation and engineering sectors. Their mission is to simplify complex industrial systems by applying advanced technology and human intelligence. By enabling their clients to harness the power of digital transformation, Saviant empowers them to build intelligent systems that deliver enhanced performance, safety, and cost-efficiency. They aim to make technological progress more accessible to industrial enterprises by crafting customized software solutions that improve everything from energy grids and smart cities to wind farms and industrial equipment.



Mission

Saviant's mission is deeply rooted in its desire to make a meaningful impact on industries that operate at the core of global infrastructure. Saviant's work ensures that these critical systems function with greater intelligence, speed, and safety, from powering engines and motors to supporting renewable energy systems and smart utilities. Through its technology-driven approach, it helps industrial clients achieve better outcomes while preparing them for the future of industrial automation.

Core Focus

Smart Energy & Utilities

One of Saviant Consulting's core focus areas is the energy and utilities sector. As the world transitions towards renewable energy and smart infrastructure, Saviant has positioned itself as a leader in enabling these industries to harness the full potential of digital technologies. Their solutions span the entire energy value chain, from smart sensors and data loggers to smart meters and predictive analytics platforms. Through their expertise, Saviant helps companies transition from traditional hardware-based models to a more sustainable, intelligence-as-a-service model, where data-driven insights fuel continuous improvement.



**Renewable
Energy**

**Smart
Infrastructure**

**Digital
Technologies**

Saviant's work in the energy sector goes beyond mere software integration; they offer end-to-end solutions covering everything from data engineering to developing intelligent product roadmaps. Their technology helps enterprises optimize their operations in real-time, allowing them to manage larger projects more profitably while improving service delivery. This is especially critical for energy and utility companies navigating the challenges of managing distributed assets, integrating renewable energy, and regulatory compliance.



Industry Transformations and Success Stories



Transformative Energy Solutions

Saviant Consulting has a proven track record of delivering transformative solutions for leading global energy companies. One of their notable projects involved partnering with a leading private renewable energy firm in the United States to develop an Azure-based data warehousing solution. This platform enabled the company to manage over a billion data records daily, improving operational efficiency and data-driven decision-making. Another success story is their collaboration with a global power producer specializing in photovoltaic and wind energy in Israel, where Saviant designed a data platform to optimize solar energy production and streamline financial operations.



IoT and Power Forecasting

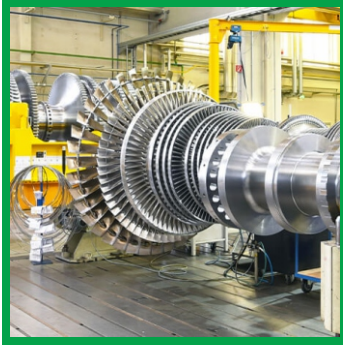
In the United Kingdom, Saviant worked with a major water utility company to build an IoT platform that provided real-time consumption and billing analytics. This solution helped the utility improve its operational efficiency and customer service capabilities. Similarly, Saviant has played a pivotal role in the wind energy sector, where they developed a power forecasting platform using machine learning algorithms for one of the world's largest wind turbine manufacturers in India. This platform enabled the company to optimize the performance of over 12,000 wind turbines by predicting power output and identifying potential equipment failures.



Tailored Global Solutions

These examples showcase Saviant's ability to deliver tailored solutions that address each client's unique challenges, whether it involves managing complex data sets, optimizing renewable energy production, or improving operational efficiency. Their expertise spans multiple geographies and industries, making them a trusted partner for companies worldwide.

Technology Expertise and Solutions



Empowering Industries with Intelligence

At the core of Saviant Consulting's value proposition is its ability to leverage advanced technologies to deliver impactful solutions. They specialize in a range of digital tools, including Industrial IoT, digital twins, machine learning, and AI-driven analytics platforms. These technologies enable Saviant to create intelligent systems that provide real-time insights, automate routine processes, and predict future outcomes based on historical data.



IoT Insights for Water Utilities

One of Saviant's standout solutions is their IoT-based analytics platform for water utilities, which was developed in collaboration with Metron Farnier. This platform integrates real-time data acquisition, machine learning algorithms, and cloud-based analytics to deliver insights that help utility companies reduce water wastage, improve meter performance, and enhance customer satisfaction. Saviant's expertise in cloud infrastructure, including platforms like Microsoft Azure, AWS, and Power BI, allows them to create scalable and secure solutions tailored to their clients' specific needs.



Rapid Prototyping for Innovation

Their approach to technology implementation is also distinguished by a commitment to rapid prototyping and proof-of-concept development. Through their internal R&D division, Saviant Labs, they develop prototypes and minimal viable products (MVPs) that help clients validate their ideas and assess the impact of new technologies before fully committing to large-scale deployments. This iterative process ensures that the final solution meets the client's expectations while delivering measurable results.



Approach to Solution Development

Saviant's approach to solution development is rooted in collaboration, transparency, and a deep understanding of the client's unique needs. Their projects typically begin with an in-depth assessment phase, where Saviant's team works closely with the client to map out existing systems, identify business challenges, and explore the potential of new technologies. This phase is followed by the development of a proof-of-value (PoV), where Saviant defines the success criteria for the project and outlines a roadmap for implementation.

Once the PoV is validated, Saviant moves into the MVP stage, where they design, build, and deploy the solution in close collaboration with the client. This approach ensures that the final product is functional and aligned with the client's long-term strategic goals. Saviant's focus on continuous improvement and user acceptance testing ensures that each solution evolves with the client's changing needs, delivering long-term value.

Saviant develops solutions through client assessments and a proof-of-value (PoV) phase, followed by collaborative design and deployment. This approach ensures alignment with long-term goals and continuous improvement.



Conclusion

Saviant Consulting has established itself as a leader in delivering intelligent solutions for industrial enterprises. Its expertise in the energy and utilities sectors and ability to integrate cutting-edge technologies enable it to help businesses unlock new efficiencies, reduce costs, and drive innovation. Through its commitment to digital transformation, Saviant empowers companies to make smarter decisions, optimize their operations, and thrive in an increasingly complex industrial landscape. Saviant remains at the forefront as industries continue to evolve, helping its clients navigate the challenges and opportunities of the digital age.

About Vedeni Energy

Vedeni Energy offers specialized services designed to help businesses navigate the complexities of the modern energy landscape. Our offerings are tailored to meet the unique needs of utilities, independent power producers, regulatory bodies, and other stakeholders, ensuring success through strategic insights, expert guidance, and innovative solutions.

Vedeni.Spark+, a service provided by Vedeni Energy, is designed to help start-ups and established companies secure the capital funding necessary for growth and success. Our team of seasoned advisors works closely with clients to develop tailored funding strategies that align with their business goals and financial requirements.

Vedeni Energy's Vedeni.IQ+ service offers a premier gateway to unlock deep insights and strategic foresight within regional wholesale power markets. Their cutting-edge platform is meticulously designed for energy professionals who demand precision, clarity, and actionable intelligence.



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