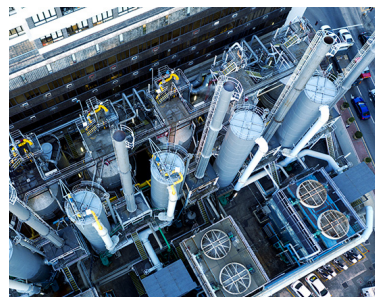




HOW ARE TECHNOLOGICAL INNOVATIONS & SOLUTIONS REVOLUTIONIZING



SELF-SERVICE DATA ANALYTICS TOOLS



The emergence of self-service advanced analytics tools has democratized data science, enabling process and maintenance engineers to conduct sophisticated data analyses. These tools leverage machine learning and artificial intelligence to discover patterns crucial for diagnosing and predicting recurrent issues within plants. Empowering subject matter experts throughout the organization with these analytical capabilities opens vast opportunities for process performance enhancement and the implementation of predictive maintenance strategies.

Tailor-made advanced analytics solutions are developed to address the specific needs of each business uniquely. These solutions are born from a collaborative effort between subject matter experts and data scientists, transforming industrial data into actionable KPIs for asset health monitoring and plant optimization. Utilizing a specialized industrial platform, these solutions deploy various machine learning algorithms, including Decision Trees, Random Forests, Artificial Neural Networks, and Clustering, to inform decision-making and elevate operational

The connectivity of today's industrial control systems brings forth considerable cybersecurity risks, necessitating robust protective measures. Specialized industrial cybersecurity solutions are designed to safeguard industrial environments from both internal and external malicious attacks. This includes conducting comprehensive cybersecurity risk assessments to identify potential attack vectors and vulnerabilities, and ensuring plants are fortified against cyber threats.

