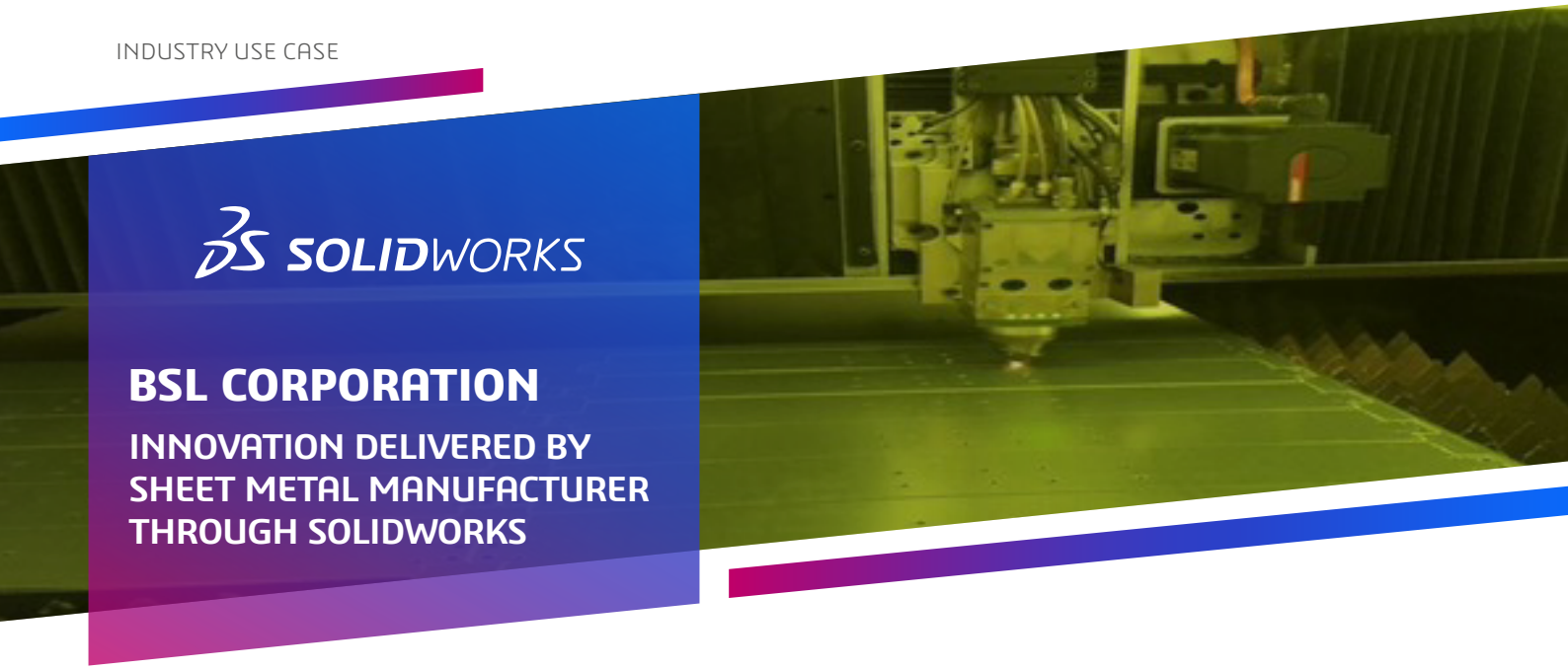

BSL CORPORATION

INNOVATION DELIVERED BY SHEET METAL MANUFACTURER THROUGH SOLIDWORKS

With over 40 years of manufacturing experience, **BSL Corporation** has emerged as a world-leading and trustworthy manufacturer, with a history deeply rooted in the supply of products and services to top Japanese brands in the electrical and electronics industry. Their journey began with Matsushita Air-cond Corporation as their inaugural client. Over the years, they have diversified their clientele to encompass a broad spectrum of industries, including automotive, home appliances, printing, data storage, office equipment, industrial and automation equipment, agriculture, construction, solar, and more.

BSL Corporation specialises in sheet metal and offers a comprehensive range of services, including metal stamping, assembly, PCB assembly, CNC machining, welding, roll forming, secondary processes, and toolmaking. This expansive expertise has solidified their reputation as a globally recognised manufacturer, marking a remarkable evolution from their humble beginnings.

ELIMINATE DOWNTIME AND WASTAGE

BSL Corporation grapples with several critical challenges. First, they must minimise design downtime to ensure operational efficiency and meet deadlines. Second, there's a pressing need to reduce material wastage to control costs and lessen environmental impact, necessitating the adoption of sustainable and efficient material usage practices. Additionally, achieving precise tolerances, especially for small or intricate components, presents a significant challenge. This requires a high level of skill and precision in manufacturing processes. These challenges underscore the company's ongoing efforts to streamline operations, minimise waste, and maintain a commitment to delivering high-quality products while balancing cost and environmental concerns.

STREAMLINED PROCESS AND SEAMLESS COMMUNICATION

BSL Corporation has embraced SOLIDWORKS as a key solution to tackle these challenges effectively. The software equips them with a suite of tools for precise 3D modelling, automatic flat pattern generation, simulations, and collaborative features. To address minimal waste, SOLIDWORKS offers tools that assess and optimise designs for manufacturability, ensuring the efficient production of sheet metal parts. Moreover, the company has significantly reduced the time required for exporting SOLIDWORKS sheet metal parts as STEP (Standard for the Exchange of Product Data) files, simplifying and enhancing the process of sharing designs with others. As Khairul Nizam noted, "It's easier to use the STEP file to streamline direct communication with our machines." This adoption of SOLIDWORKS exemplifies their commitment to enhancing efficiency, precision, and waste reduction in their manufacturing processes.