



The 1st Series
Ingenics Corporation
07 June, 2023

The Pandemic's Influence on the Aviation Industry

The COVID-19 pandemic has had a profound impact on the aviation industry, halting air travel and causing disruptions for OEMs, suppliers, and airlines. While passenger numbers are gradually recovering and OEMs are increasing production rates, suppliers are unprepared for the necessary ramp-up. This is due to a shortage of skilled personnel caused by workers leaving or retiring, making it challenging for companies to attract and retain talent. The aviation industry also faces liquidity problems, hindering financing for increased production rates. Small-to medium-sized suppliers struggle with consolidation, a lack of financial resources, and meeting OEM requirements. To overcome these challenges and secure a more certain future, companies need to focus on areas like sustainability, digitalization, quality management, workforce planning, and competitiveness.

Ingenics, a globally recognized engineering consulting firm with over 45 years of experience revolutionizing premium brands, places significant emphasis on these three initiatives: **Lean, Green, and Digital**. These initiatives are strategically designed to stabilize the supply chain, improve quality, and optimize production systems.

By implementing lean principles and strategies, Ingenics supports by eliminating waste in various forms, such as defects, overproduction, excess inventory, and unnecessary movements. This waste reduction is essential to prevent delays and cost overruns. Leaders within the organization play a critical role in driving Lean Momentum by actively engaging with employees, using their insights to make process improvements and enhance overall operations. Lean Momentum presents an opportunity for companies to refresh their approach, particularly considering the challenges posed by COVID-19.

Lean, Green and Digital are crucial aspects for the aviation industry to overcome challenges by leveraging advanced technologies and data-driven solutions. Companies can streamline processes, enhance efficiency, and improve decision-making. Through a thorough examination of operations, there is a reinforced focus on waste reduction, and a commitment to digitalization, operational excellence, and sustainability.

Together, with our customers, we surpass expectations in terms of quality and performance. **Stay tuned for our upcoming article series, where we will provide you with further insights into the current state of the aviation industry!**

Would you like to have a discussion about it?

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with us!

