Smart Manufacturing: Digital Twin and Smart Manufacturing

Overview

With smart manufacturing, aerostructure production becomes more data-driven and process-optimized. Smart manufacturing innovates manufacturing techniques to ensure precision, speed, and reliability of production.

A digital twin helps to identify anomalies that might happen when the aerial vehicle is operated under different external conditions. This identification can help in pinpointing ideal materials and manufacturing procedures to improve safety and reduce operational costs. The Digital Twin platform's ability to generate digital replicas makes this approach feasible.

Features

- Reduced production cost and wastage
- Resource Optimization

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