Titan Robotics, Inc.

NCMS Technology Showcase
FRC East

Autonomous Robotic Solutions for Sustainment

PROBLEM STATEMENT

Costly, time consuming, and labor intensive processes

Productivity, Quality, and Consistency

Hazardous working environments with large volumes of hazardous waste and emissions

Workforce Issues

Evolving Regulations

BENEFITS

Improve the quality and consistency of your process with robotic systems that know how to do the job.

Enable digital engineering and data collection with digital twins.

Simplify the deployment of complex robotics systems for sustainment with adaptive autonomy.

Eliminate the need for advanced courses and extensive operator training with intuitive robotic control via a common human interface that is learned in days.

Ease the burden of maintaining robotic systems with standard equipment configurations across various systems and processes.

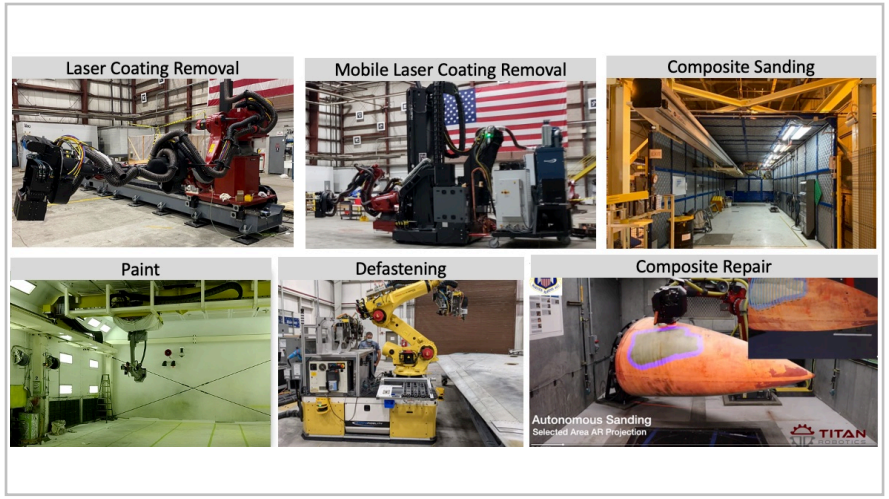
TECHNOLOGY SOLUTION

Titan Robotics Adaptive Autonomous Robotics Systems

- Level IV+ Industrial Autonomy

- Efficient automatic tool paths and process control to perform tasks according to configurable process parameters, sensor data, and operator preferences without the need for constant supervision.

- Unlimited configurations including mobile robotics

- Sanding, Laser Ablation, Cold Spray, Defastening, Machining, NDI (Visual, RF, X-Ray, THz), Painting, Blasting, Drilling, Surface Finishing

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