

CASE STUDIES

Automotive Airbag Assembly Gets Ready For Anything

Assembly

The Application

Automotive Airbag Assembly in Mexico was preparing its manufacturing operations to support multiple vehicle platforms and evolving production requirements. The objective was to build a more flexible and scalable system capable of adapting to future changes while maximizing efficiency within the existing plant.

The Challenge

Traditional automation setups limited the facility's ability to adapt to new vehicle programs and varying utility requirements. Without a flexible solution, changes in production would require additional time, cost, and reconfiguration, reducing overall efficiency and limiting long-term scalability.

The Solution

EFFECTO provided a solution using Epsilon **XCHANGE®** automatic tool changers, enabling the OEM facility to adapt to changing production needs without significant rework. The system's versatile design allows for the integration of various utility modules, supporting multiple applications and future requirements.

With this approach, the OEM achieved greater flexibility, improved utilization of plant space, and reduced the time and cost associated with adapting to new programs. The result is a more efficient, future-ready manufacturing operation capable of evolving with production demands. ●



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