

Project Profile

Industrial Automated Systems, Inc. was selected by a prominent global nonwoven textile manufacturer to consolidate three current manufacturing lines into two reconfigured lines. IAS secured the project due to its proficiency in Siemens products and its adeptness in integrating synchronized drive systems.

The project posed significant challenges as it involved relocating three existing lines from a sister facility and implementing a configuration and process that had not been previously established. Moreover, the project faced an exceptionally tight schedule due to the client's extensive backlog of customer orders, which needed to be fulfilled. The Scope of Work encompassed project management, SCADA System development and programming, PLCs, HMIs, and drive integration. Additionally, IAS ensured that the existing equipment met current safety standards. NFPA 70E and Arc Flash Designs and best practices were implemented.

The project included the integration of the following key components:

- Over 100 Siemens MasterDrives with both VC and MC series
- Over 50 Siemens Sinamic drives
- Siemens S7-400 PLCs
- Siemens S7-300 Safety PLCs
- Siemens HMIs
- Line sensors and components

Solution
Partner

Automation
Drives

SIEMENS



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