

Master Drive to S120 Upgrade



Contact

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Founding year:

1968

Employees:

35

Solution
Partner

Automation
Drives

SIEMENS

Solution Partner: Electronic Drives & Controls

Customer: Orangeburg, NY US

Industry: Clothing

Requirements of the customer:

- Customer needed to replace existing unsupported PC and aging controls.
- The control hardware needed to be up and running in less than a week.

Short description of the solution:

EDC upgraded a 10 motor drive system from 6SE70 Master Drives to S120 Vector Drives. The HMI was converted from Wonderware to a Comfort Panel. The PLC was converted from a TI545 to the S7 Platform. Installation and Start up were completed in less than a week.



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Implementation by the Solution Partner:

- Customer demanded an integrated control solution.
- TIA Portal/Sizer facilitated that requirement.
- EDC's knowledge of the process allowed us to address critical nuances of the machine.
- Coordinated team effort completed the project in the required time.

Benefits for the customer:

- Better speed and tension control improved quality.
- Energy saved through Active front and Common DC bus.
- New hardware used only 1/2 of the panel space.
- Downtime was brought to a minimum.