



## PROMOTION

# Smart Packaging Solutions folds boxes at top speed with retrofit

SIMATIC S7-  
1517T PLC

SINAMICS  
S120 drive  
system

### Customer Challenge

- Smart Packaging Solutions' box **folding-gluing machine** needed **modernization** to increase throughput, reliability, and energy efficiency. The legacy control system limited performance, slowing production speed and reducing overall plant efficiency

### Solution

- Promotion retrofitted the folding-gluing machine with the **Siemens SIMATIC S7-1517T advanced PLC** and **SINAMICS S120 drive system**. This combination enabled higher machine speed, precise control and smoother interaction between motion and process automation.

### Customer benefit

- **Higher production speed:** The retrofitted control and drives enable the folding-gluing machine to run at significantly increased throughput.
- **Better energy efficiency:** Modern drives and optimized automation logic reduce energy consumption during operations.
- **Greater reliability & uptime:** The advanced PLC and drive combination improves system stability and reduces unplanned downtime.

**SIEMENS**