



PACKAGING EQUIPMENT DESIGN INCREASES PROCESS THROUGHPUT AND REDUCES PRODUCTION TIME

SITUATION:	A manufacturing manager in the confectionary industry had seasonal piece candy that was packaged in small 2 oz. Cartons. Production for seasonal products was currently 3 ½ months due to packaging limitations.
CRITICAL ISSUE:	The Client wanted to improve automation and reduce total production time to 2 months.
REASONS:	Packaging costs were running 40% of total costs. By cutting packaging time to 2 months, the client could reduce packaging costs by 60%, production costs by 15% and improve cash flow.
VISION:	The Client needed to increase carton handling and collation ability from 250 per minute to 400 plus per minute.
PROVIDED:	Improved random input, constant output collation device design, and designed a servo driven carton overhead gap-phasing device. This was a new device that was critical to maintaining smooth operation and maximizing the throughput of the random input, constant output collation machine.
RESULT:	Client was able to meet his objectives.
SEI PROJECT#:	(129-DOC-008-(V1R1-CASE STUDY Candy Company))