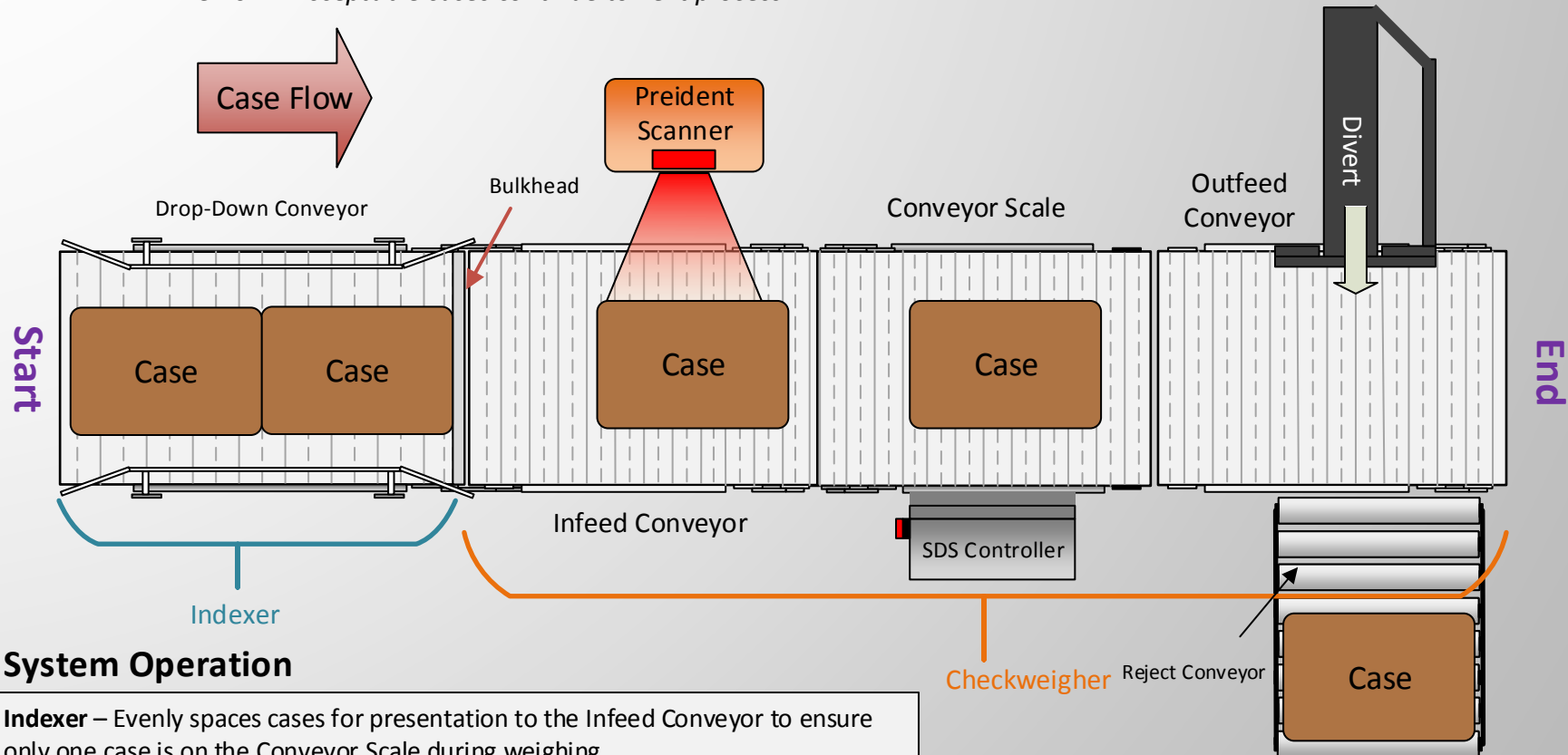


Case Indexer with Preident Scanner & Checkweigher

Overview: System will evenly space cases, scan preident label for acceptable weight range, weigh the case and compare vs. weight range. If case weight is outside of range it will be diverted for rework. Acceptable cases continue to next process.



System Operation

Indexer – Evenly spaces cases for presentation to the Infeed Conveyor to ensure only one case is on the Conveyor Scale during weighing.

Infeed Conveyor – Conveyor then transports cases onto Conveyor Scale; belt speed is matched exactly to belt speed of Conveyor Scale to ensure accurate weights.

Preident Scanner – Scans preident label (which contains weight bounds) and sends information to the SDS Controller

Conveyor Scale – Portion of the checkweigher that determines the case weight.

SDS Controller - Compares actual weight vs. acceptable case weight range (from preident info) and will either let the case continue downline, or activate the divert so the case will be rejected for rework. Actual weight is contained in an SQL database, which is accessible via Ethernet.

Outfeed Conveyor – Cases transfer to this conveyor for possible reject by a divert.

Divert – Removes out-of-weight cases from line for rework

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