

PARCELSCAN™ Contents Scanning System

Welcome to the future! The PARCELSCAN™ system from FoldedPak and powered by Cloud 9 Perception documents contents and void space in your parcels so you can add the EXACT amount of protective or void packaging material for every shipment. As a core piece of the FoldedPak Automation Void Fill System and the ASPACKED™ Parcel Documentation System, the PARCELSCAN™ system will examine your filled box, determine the contents and void space and compute the exact amount of ExpandOS material to dispense for optimal protection. All operations are completely independent of other data sources and do not require a network connection.

Based on innovative technology, the PARCELSCAN™ system can be used to enable automated addition of protective or void packaging material in both top fill AND top and bottom fill applications to completely eliminate packout labor!



Sample image from ParcelScan™ System.

Key PARCELSCAN™ System Features:

Feature	
Image Acquisition	Stationary or inline at 30 FPS
Image Background	Solid Belt or Roller Section
Box Size Range	Min 6" in any dimension
Integration	Stand Alone System – network connection not needed. Integrates with FoldedPak Automation.

ASPACKED™ Parcel Documentation System

Parcel shipment damage is a fact of life. Often times disputes arise between shippers and carriers as to whether a parcel was damaged by rough handling or poor packaging. Additional disputes can arise between shippers and Customers regarding what, exactly, was shipped in a box.

The Patent Pending ASPACKED™ System from FoldedPak utilizing the PARCELSKAN™ Contents Scanning System documents not only the contents of a parcel, but the condition, type and effectiveness of the protective or void packaging, providing an objective and fully documented record of the condition of a parcel upon entry into the carrier system.



Box Contents



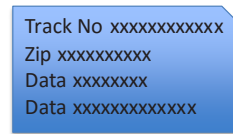
Packed Box Before Closing



Packed Box – with void scan



Picture of shipping label



Text file with Shipping label data

ASPACKED™ System – Typical Data Record

Data Element	Type
Picture of Box Contents Before Packaging	Picture
Picture of Box Contents After Packaging	Picture
Scan of Box Contents - As Packed	Scan – Contents/Void
Picture of Box Shipping Label	Picture
Text Data Record of Shipping Label Data	Text File

Key Benefits of the ASPACKED™ Parcel Documentation System

1. Resolve damaged item disputes with carriers using visual evidence demonstrating proper protective packaging in a parcel.
2. Reduce Customer fraud by Customers who claim misshipments or undershipments when, in fact, all items were shipped by sending a picture of all items shipped to a Customer.
3. Provide actual void data to determine actual void fill packaging cost per cubic foot for materials generally sold in linear feet or pounds.
4. Gather data to determine how to reduce actual shipping damages caused by insufficient product protection. Use data gathered to improve associate training.
5. Use the void detection functionality to direct shipments that do not need any void fill material to outbound lanes directly, relieving packout lanes of this traffic.
6. In aggregate, be able to generate accurate data surrounding what is being shipped, how it is packed and what void space is remaining in boxes in order to improve box size planning.