

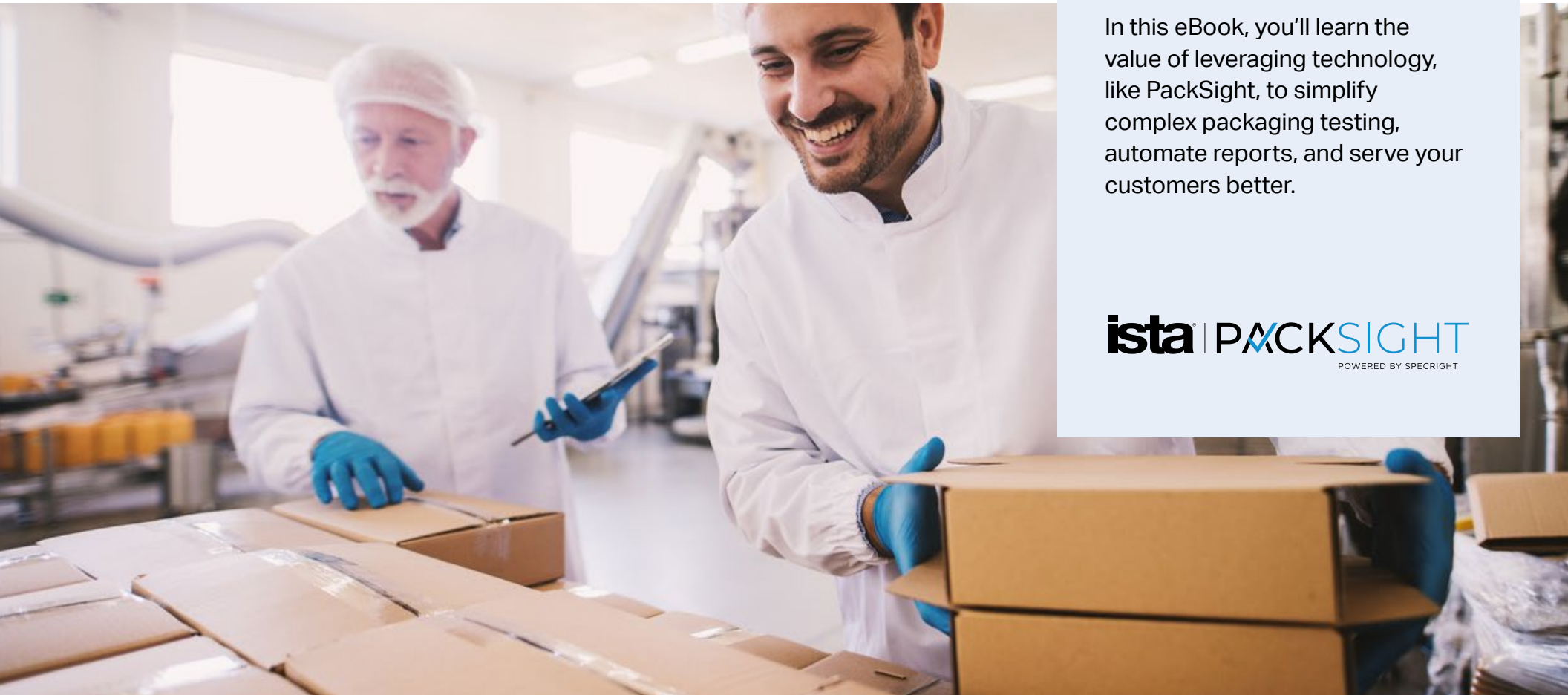
eBook

Transform Packaging Performance Testing with PackSight

Spend more time testing products, less time processing paperwork

In this eBook, you'll learn the value of leveraging technology, like PackSight, to simplify complex packaging testing, automate reports, and serve your customers better.

ista | **PACKSIGHT**
POWERED BY SPECRIGHT



Introduction

Wouldn't it be amazing if you or your team could spend less time determining a test path, and compiling and formatting packaging testing reports? Well, you can.

With today's complex supply chain challenges and the explosion of e-commerce, manufacturers need to not only enhance their packaging performance protocols, but streamline processes to improve speed-to-market and innovation.

In 2022, more than 300 million products were purchased worldwide during Amazon's Prime Day. That's a lot of packages. Multiply that by every other online retailer, and other e-Commerce "holidays" and the amount of testing that needs to go into packaging is massive. Consumers and brands expect that what they ordered will arrive on-time (or faster) and undamaged.

Manual testing procedures and data input is no longer scalable.

A few years ago, the International Safe Transit Association (ISTA) realized it needed to bring packaging performance into the 21st century. The only way to do this was through technology. That's why ISTA partnered with Specright, the leader in Specification Management software and with deep roots in the packaging industry, to develop the first digital packaging testing platform – PackSight. In creating PackSight, ISTA and Specright combined over 100 years of packaging expertise and leading technology innovations.

The result is a platform built by packaging professionals, for packaging professionals.



What is PackSight?

PackSight, powered by Specright, is ISTA's online test planning and reporting platform. It automatically generates test plans for ISTA test procedures and makes test reports ready for you to use and share in your organization and with your key stakeholders.

Simply select a test procedure, enter your test package's weight and dimensions, and PackSight provides a streamlined, step-by-step workflow specific to the test item. You can use a computer or mobile device to collect testing in real-time or print off the workflow. Once testing is complete, reports are auto-generated and stored in a secure cloud environment, making results accessible anywhere, anytime.



ISTA 6-SIOC Rotational Flat Shock/Drop

Required Rotational Flat Drop Testing:
The packaged-product shall be dropped according to the sequence below onto a rigid surface such as steel or concrete. Orientations should be documented before each drop with attachments.

Note: If the packaged-product in a particular orientation topples over before a side or edge can be lifted to the required drop height, then the rotational drop is not possible.

Palletized

Case or Unit

Block 5 Details

Last version Date: February 2018

Lab Technician:

Equipment

Equipment:

ISTA 6-SIOC Drop Sequence

Sequence Number	Drop Height	Drop Method	Orientation	Package Passed	Attachments
1	9 in	Lift one edge to the drop height. Quickly release the edge so that the test item falls freely.	Lift Edge 3-4, Face 3 down	<input type="checkbox"/> No	<input type="button" value="Choose File"/> No file chosen

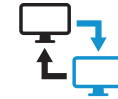
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Transform Packaging Performance Testing with PackSight | 3

Benefits of PackSight



Data Collection & Standardization



Automated Reporting Comprehensive



Improving Onboarding & Knowledge Transfer



Documentation



Data Collection & Standardization

Right now, users can select from 20+ test plan and reporting templates, or customize tests to your own requirements. With PackSight, users can feel confident knowing they've selected the right test, and all tests are conducted in an easy-to-use solution. In the platform, users can simply enter basic package information and PackSight will generate the right test path to perform.

With the rise of more complicated and nuanced test procedures, such as 6-Amazon.com-SIOC and 6-SAMSCLUB, PackSight takes the guesswork out of packaging testing and reduces the time it takes to complete tests.

Through a digitized platform, users can also start tests, pause, and pick-up a test when ready, without losing data input or relying on tribal knowledge to complete a test accurately. All of the information is gathered, stored, and analyzed within PackSight.



"For the Amazon 6 series test, we estimate PackSight saved about 30 minutes per test form, by time the technician filled out the form manually with details, comments and pictures, all post-testing."

— PackSight user from large global CPG corporation



"Some of the added benefits of using PackSight versus an older system, is real-time reporting. We don't have to worry about doing the report after testing. This speeds up the process significantly. We're also able to refer back to data while we're out in the test lab; it tells us exactly what we need to do, whether it's top loads or the types of drops that we need. So for someone without a lot of experience in testing, we don't have to worry about different tests being done in different ways. We have a lot more consistency."

— Garret Cardinal, Packaging Engineer, Packaging Corp. of America



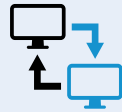
Improving Onboarding & Knowledge Transfer

This also helps address workforce challenges – shortages and high-turnover rates, which many companies are currently struggling with. Onboarding and knowledge transfer become faster and streamlined since the testing protocols are standardized in a digital platform. Users are walked through the test protocol step-by-step, given helpful tips along the way, ensuring tests are not only thoroughly completed, but also accurately completed. Relying on tribal knowledge and being concerned about manual inputs can be a thing of the past for your testing lab.



“PackSight goes step by step and reminds us of the exact parameters we need to go by and of the goals the package must meet. Nothing slips through the cracks.”

— Mark Beck, Design Lab Manager, Concept Packaging



Automated Reporting

One of the major benefits of PackSight is automatic report generation, which previously took hours when done manually.

With PackSight, users can auto-generate reports within the platform based on their inputs and documentation. Within minutes, users can have a PDF or digital version of their test, stored within PackSight for historical tracking and reporting. Test results can be easily accessed on the go, as long as the user has an Internet connection.

With PackSight:

- Auto-generate reports based on inputs
- Receive a PDF or digital version in minutes
- Quickly access and share results on the go



Comprehensive Documentation

A critical part of testing includes documenting results. Now, users can perform tests using their phones or tablets and take and upload pictures as they go. No more taking pictures, emailing them, and then embedding them in PDFs.

Prefer to use the desktop version of PackSight? Users can leverage the desktop and mobile versions of PackSight to complete tests. For example, users can select the test through their laptops and add photos later on using their mobile or tablet devices.



“We love that you can add as many pictures as you want, it helps capture details that the raw test data doesn't always portray.”

— TJ Willis, Concept Packaging

PackSight Benefits Labs, Brands, and Suppliers

Regardless of your role or company, when it comes to packaging performance testing, PackSight can transform your business.

Test Detail			
Test	Sample 1	Sample 2	Sample 3
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Block 1, Atmospheric Preconditioning	Pass	Pass	Pass
Block 2, Shock: Free-Fall Drop	Pass	Pass	Pass
Block 12, Vibration: With and Without Top Load	Pass	Pass	Pass
Block 15, Shock: Free-Fall Drop	Pass	Pass	Pass
Project Name	Sample Project A		
Project Description	Testing widgets of Project A		
Manufacturer	ACME		



For Labs

PackSight provides a way to streamline and track testing processes. Digital testing allows technicians to select the correct tests with confidence and quickly perform the right steps in a guided or short term plan. They can then better service their customers by quickly sharing internal test results and analyzing trends over time.



For Brands

PackSight provides digital access to all the tests they've run and lets them leverage reporting to predict results and best tests to use over time. International brands can easily collaborate with stakeholders across the globe while gaining visibility into test statuses. PackSight also allows for improved speed-to-market – with easier and faster access to processes, package testing, and product development times can decrease without compromising quality.



For Suppliers

PackSight allows for streamlined testing with labs, as a value add to their customers. This can lead to cost savings and improved efficiency.

Additional Benefits

Over the past few years, ISTA and Specright have partnered on PackSight to deliver users a secure, scalable, and technologically advanced solution.

Secure Platform

PackSight leverages Specright's best-in-class security capabilities to ensure data is safeguarded. Through a combination of technology and user permissions, labs can rest assured that the right data is accessed by the right people.

Custom Test Builder Feature

PackSight's powerful custom test builder feature makes it easy for you to customize a test specific to your distribution chain. Users can now select from any of the test blocks from ISTA's top procedures to build your own test that meets your supply chain needs.

Forecast Future Test Results

Have a new test to perform? With PackSight, users can easily search through past tests to get an idea of what the results might be or predict what may happen to future similar packaged products.

The Power of Community Sharing

PackSight represents the future of packaging testing and ISTA standards. Users can choose to share results back to ISTA, allowing ISTA to provide data-driven insights to improve test protocols and benefit the entire packaging community.



Conclusion

ISTA and Specright are excited to bring PackSight to hundreds of labs, brands, and suppliers across the world. With PackSight, users can spend more time testing and less time processing paperwork and generating reports. Furthermore, the ability to share test results and analyze data over time will lead to breakthroughs in packaging innovation and progress. Contact our team to learn more about PackSight.

[Learn More](#)

About ISTA

The International Safe Transit Association (ISTA) is a member-based nonprofit that empowers organizations, and their people, to minimize product damage throughout distribution and optimize resource usage through effective package design. Worldwide, ISTA is the most trusted, knowledgeable and respected authority in predictive package-performance testing and design standards, helping its members develop more effective packaging to withstand the ever-changing risks of the global distribution environment. For more information, visit www.ista.org.

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About Specright

Specright is the first purpose-built, patented platform for Specification Management. Whether it's packaging, raw materials, formulas, products, or machines, Specright helps companies digitize, map, and take action across their supply chain to reduce costs, increase profitability, and drive sustainability. Specright serves customers across industries, including packaging, food and beverage, consumer packaged goods, pharmaceutical, retail, industrials, and more. Recognized as a leader in Specification Management, Specright was named one of Fast Company's Most Innovative Companies for 2023, had three executives honored as Supply & Demand Chain Executive Pros to Know in 2023 and won Food Logistics' 2022 Top Software & Technology Provider award. For more information, visit: www.specright.com.

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