



Overview

Technology products are regularly developed in closed lab environments, which are carefully controlled and monitored. So what happens when a product enters the real world? Whether it's a drone buzzing through the sky or a smart-watch worn around the world, your product must be able to adapt to and operate within any environment, seamlessly. Allion USA's real-time, real-environment testing suites act as a bridge between the lab and the end user experience.



Allion USA Environmental Testing Solutions are the Answer

Allion USA, along with our partner **Cinder Solutions**, has invested in creating a collection of environmental tests. These tests ensure durability, dependability, and a user experience that can stand up to any situation. Our tests are customizable to meet each client's unique environmental testing needs and our extensive suite of solutions mean a distinct advantage for our clients working to get their products to market quickly.

SENSOR TESTING

To effectively test sensors, **Allion USA** has adopted three different options: inertia measurement, light sensor testing and touch testing. No matter what type of sensor is being used, we are able to customize our tests to evaluate the capabilities of your product.

THERMAL CHAMBERS

Our Thermal Chambers expose products to alternating low and high air temperatures to accelerate failures caused by repeated temperature variations. This test ensures that your product remains operational even if the temperature fluctuates dramatically throughout the course of an end user's day.

PICK AND DROP TESTING

The Pick and Drop Test operates exactly as it sounds: an apparatus lifts the product from the ground and drops it from varying heights. With this test, we are able to further determine durability rating so your consumers know what is needed to protect their product.

SALT FOG/SALT SPRAY CHAMBER

The Salt Fog/Salt Spray Chamber measures the corrosion resistance of materials and surface coatings. By understanding how long it takes for a product to rust, we can ensure that the best materials are being used to maintain your product's integrity, no matter the weather conditions outdoors.

The **Allion USA** team has a proven track record of reliably and efficiently speeding clients' products to market. Contact us today to learn more about how your company can reach its product deployment goals by taking advantage of the cost savings, expertise, and accessibility provided by **Allion USA**.