

PRODUCT TESTING SERVICES

Reduce your risk of failure - have your application tested in IV&V's accredited test lab by our experienced testers

What is Product Testing?

Product Testing typically consists of an end-of-lifecycle **qualification test** in our Test Lab to determine the state of the product/software package.

We can test your software's functionality, compatibility with operating systems, website navigation, system stability & performance, and conformance to a range of technical standards.

We have experience in conducting qualification tests on applications such as:

- eHealth applications (HI and SMD conformance)
- web sites
- desktop applications
- biomedical applications
- mobile applications
- client/server database systems
- financial systems

How do we conduct Product Testing?

We recognise that different clients have different needs:

- If your testing must comply with stringent regulatory requirements, for example, then you may prefer our **detailed accredited process**
- If you want a systematic test of your application, for example to provide independent input to your release-readiness decision, then you may prefer our **standard process**.
- If you can make do with a quicker, less comprehensive test, we can exercise your application's main functionality using an informal, **light process**, which is a cut-down version of our standard process.

Our systematic process includes:

- **Test protocols:** Develop tests based on your requirements, existing tests, advertised features, and our own experience in testing similar products
- **Test environments:** Run the tests using a variety of hardware and operating system configurations
- **Test conduct:** Use a systematic approach to exercising the system the way your customers would, from an independent perspective
- **Test reports:** Provide you with a test report detailing the result of the testing, including a list of all problems found.

Our Test Lab

Our Test Lab is accredited to ISO 17025 by the National Association of Testing Authorities (NATA). This accreditation enables us to issue a Test Report that contains a NATA endorsement indicating that the results were gathered using our accredited systematic testing process.

Our facilities allow us to set up a wide range of test configurations quickly and efficiently, and to test under controlled and reproducible conditions.

What are the benefits of independent testing by an accredited test lab?

- Be confident that your application has been **systematically tested** by **experienced testers**
- Be confident that the test results are **accurate**
- Gain an **objective view** of product quality
- **Reduce the risk** of major "show-stopper" problems in your released product
- Test the product on the range of its **advertised configurations**
- **Understand** the state of your system prior to release
- Make an **informed decision** as to whether (and when) to ship the product
- Provide **accurate information** to users about product features and functionality
- Use testing experts to **quickly and effectively** evaluate your product.

Who are our customers?

We have undertaken product testing for:

- Australian Taxation Office
- Australian Electoral Commission
- Applied Physiology
- Johnson & Johnson
- ImpediMed
- Micronix
- Polartechinics
- ResMed
- And many more.

