



# Ubuntu Test Program for Canonical

## Background:

Canonical provides open-source software, including the famous Ubuntu platform.

Wanting to reduce time and cost of 3rd Party Hardware Vendors testing on Ubuntu, they called on us to improve their Independent Hardware Vendor (IHV) Test Program.

The requirement was to create a user-friendly Test Tool, including redesign of User-Interface for controlling manual and automated testing of vendor hardware in the Ubuntu environment.

## Solution:



Three month engagement with a team of our engineers working with Canonical.



Cell Software carried out the project using Agile Development methods with participants in the US and UK.



Daily stand-up video conference calls, weekly demos and sprint progress reviews.



Project tracked through shared documents and open source project tools.



Requirements and design jointly developed and agreed.

## Business benefits:



Improved usability and reduced complexity when running Ubuntu validation tests.



Reduced cost for both Canonical and 3rd Party Hardware vendors.



Improved time to market for 3rd Party Hardware Vendors using the Ubuntu Platform.

## Competencies deployed to this task:

- Agile
- Work Packages Specification
- QT/QML
- Linux
- Test Automation
- GUI Design
- Open source collaboration tools / working
- Ubuntu community involvement

To learn more about Cell Software and how we can help you with software testing, [visit our website](https://cellsoftware.co.uk) or give us a call, we're more than happy to assist.