REED PROFESSIONAL SERVICES TESTING SOLUTIONS

IN THE DIGITAL AGE SOFTWARE DEPLOYMENT ISN'T A ONE OFF JOB.

Increasing demand for new functionality and ever-advancing technology means systems and platforms need to be continually upgraded and improved to suit business requirements. Changes need to be robustly tested to ensure quality and suitability prior to rollout. As the number and complexity of devices increases, so too does the scale of testing required. Rollout delays due to testing can cost millions of pounds and result in a loss of end users.
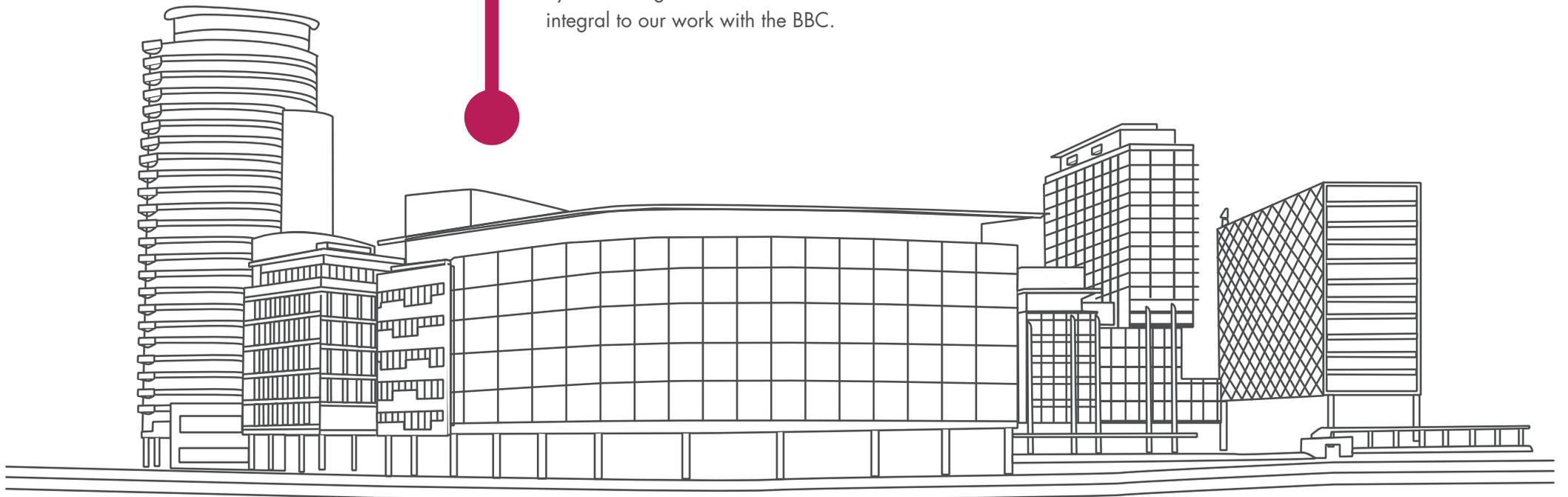
Whether providing testing for operational systems or end user apps, our hand-selected teams can be scaled quickly to work alongside your internal teams. This scalability means we can support the delivery of whole systems, or partner with other providers to deliver smaller pieces of the software puzzle. Likewise, our unique delivery methodologies mean we're capable of working to set deliverables and milestones, or flexing deliverables in response to changing circumstances, both for a fixed price.

TESTING
WITH THE BBC

Reed Professional Services have been working with the BBC since 2007. In that time, we have helped deliver hundreds of projects and driven millions of pounds in savings.

We have a thorough understanding of the BBC's culture, values, and way of working, which enables us to continually evolve and develop our service. System testing has been - and continues to be - integral to our work with the BBC.

BBC LOCAL NEWS
PARTNERSHIP SYSTEM

In 2017, the BBC launched their new Local News Partnership. The system aimed to provide full and fair reporting of local authority and public body decisions, as well as weather reporting, across the UK.

Reed Professional Services provided several services to the BBC leading up to the launch of the Local News Partnership system, including testing and validating online components.

ADDITIONALLY,

test plans for the weather reporting service included exploratory testing for future use across Android and iOS platforms. We produced in-depth test results and reporting that was fed back to both the BBC and their technology suppliers to improve and optimise of the Local News Partnership system. All testing delivery was completed successfully and on time, enabling successful launches of the new sites.

TEST PLANS WERE DRAWN UP TO INCLUDE:

- **Supplier development testing**
- **BBC-side systems testing**
- **Compatibility testing with BBC hardware**
- **Technical acceptance testing**
- **Functionality testing**
- **User acceptance testing**

BBC DEVICE HIVE

The BBC Device Hive is an internal BBC service used to conduct batch testing of their products and technological solutions across mobile devices.
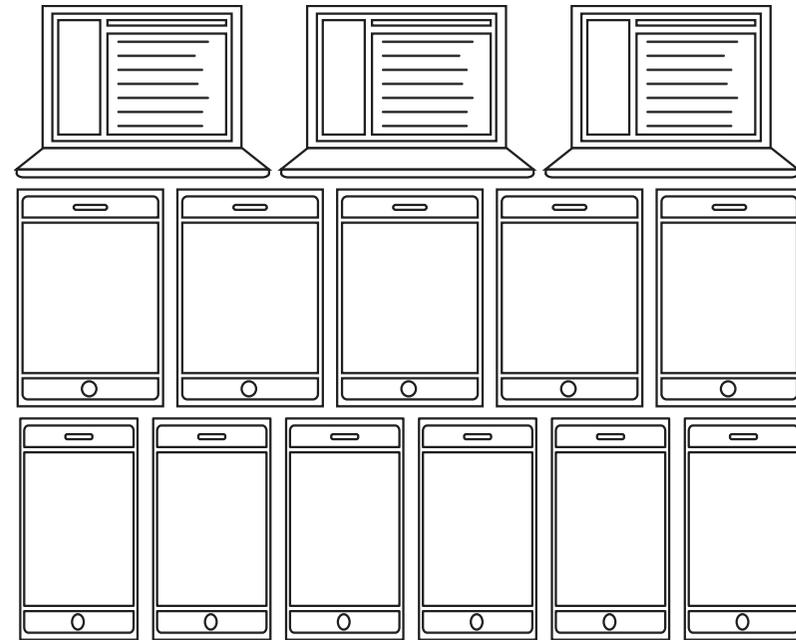
It's used to ensure efficient, consistent performance for all users. Until recently, the Device Hive was a single machine conducting Cucumber tests from the BBC's Media City Salford premises.

Due to increased demand, the BBC needed to upscale the Device Hive service to make it available to more BBC departments and locations. RPS was commissioned to manage implementation and testing of the rollout. This required a thorough understanding of the Device Hive's testing suite, capabilities, and underlying technologies.

RPS introduced new Device Hive infrastructure and terminals, and developed functions allowing multiple users to simultaneously view, cancel, and reprioritise testing requirements.

All terminals were integrated into the central Device Hive service, and new functionality allowed authorised personnel to view device test results and reports across the whole Device Hive network.

THE END RESULT,

was the Device Hive's full testing functionality being made available to all required departments and locations, enabling significantly increased regression coverage over a larger number of device and OS configurations than was previously possible.

PROBLEM SOLVED.