

**Wireless camera systems developer, Link Research, has partnered with Briton EMS, a UK CEM with RF capability and boundary scan test experience.**

## Making the link

**L**ink Research is part of the Visilink group and its range of Standard Definition (SD) and High Definition (HD) wireless camera systems is used by broadcasters throughout the world.

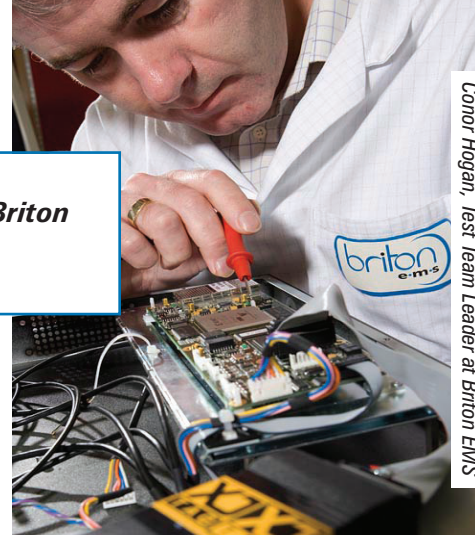
To maintain its market position, Link Research decided to partner with Briton EMS; an approved XJTAG EMS Developer. This means that it is using the full development capability of the XJTAG system for debugging, testing and programming complex PCBs and systems throughout the product lifecycle.

"We needed a strategic EMS partner that had experience with manufacturing high-end and complex RF products and was willing to invest in the skills and equipment to support our evolving product plans," said John Mulcahy, Managing Director of Link Research.

Briton EMS selected the XJTAG boundary scan system to overcome the challenges of testing tightly-packed PCBs populated with a growing number of BGA devices.

"The XJTAG system has transformed our test regime and has enabled us to go far beyond quickly pinpointing faults on complex boards," said Conor Hogan, Test Team Leader at Briton EMS. Since using the XJTAG system, Briton EMS has been able to shorten the development cycle and increase the yield on highly complex products.

"Using XJTAG, we are achieving 92% test coverage in a matter of days on the boards that are used in Link's HD Wireless camera transmitter," added Hogan. "We run the connection tests and debug the board using XJTAG before loading Link's firmware in the DSP as this saves a lot of time. XJTAG's technical support is exemplary and they



Conor Hogan, Test Team Leader at Briton EMS

work in partnership with us to overcome problems. We recently had an issue with trying to test two of Link Research's boards that fit together with multi-way connectors, but we could not sync the PCBs. We called XJTAG, they took the boards away, and within a day or so resolved the timing differences between boards by using their add-on XJIO board. That's the kind of added value that we look for from our partners and that is what differentiates XJTAG from the rest of the market."

**XJTAG**

[www.xjtag.com](http://www.xjtag.com)

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