



NEWSLETTER || OCT 2022

Since our last newsletter in October 2021, ipTEST has continued to grow and several exciting new developments have taken place, which we are proud to share with you.

We have put together an overview of the latest news from inside ipTEST, as well as highlights from some of our ongoing projects. We hope you enjoy the read!

For any queries relating to this newsletter, please contact Sales@iptest.com

MANAGEMENT UPDATE

Conor McCarthy
Managing Director



ipTEST



The past year has been the most exciting time at ipTEST since its foundation in the 1980's. Backed by our shareholders, we have been able to invest significantly in our operational capabilities – namely, our people, product development and expanding our footprint.

We are now comfortably set up in our new building located at Surrey Research Park in Guildford, which has played a monumental role in supporting our substantial growth. On top of our main building, we now have two additional lab spaces where we house our Mostrak-2 automated test cells.

Our Mostrak-2 tester has been the catalyst behind ipTEST's growth, and as the market for power semiconductors continues to expand, we have some compelling product developments in the pipeline to keep pace with wide band-gap semiconductor demands.

Despite the challenges we have faced in the supply chain, our procurement and manufacturing teams have been able to weather the storm and limit the impact that COVID has had on the electronics supply chain market.

As you can see on page 7 of this newsletter, we have worked hard over the last two years to cultivate a local ecosystem of high-quality suppliers based here in the UK. Going forward, these suppliers will support the ongoing expansion of our capacity.

October is a milestone month for our Technical Director Demos Malaos. I am delighted to announce that he is celebrating his 18th year at ipTEST. I want to thank him for his unfaltering dedication to the company. In those years, Demos has led the R&D team and built a strong technical culture within the business to focus on developing market-leading technologies. He has been the driver behind our new M2 platform and critical to the release of our Dynamic Switch Testers that enable the characterisation of wide band-gap semiconductors.

ipTEST is unique in being the only power semiconductor tester manufacturer in the UK. However, our true uniqueness comes from our employees, who design and build our products. On behalf of Demos and myself, I would like to thank all our people for their hard work over the last 12 months. I look forward to the next stage in ipTEST's journey!

ipTEST



Demos Malaos
Technical Director

OUR NEW HOME

ipTEST was founded in the 1980's and since then we have gone from strength to strength. Our testing technologies for power semiconductor devices are utilised all around the world. To ensure we are keeping up with demand and best serving our growing global customer base, in July 2021, we relocated to Surrey Research Park in Guildford.

A University of Surrey enterprise, Surrey Research Park is renowned as a major centre of excellence in technology, science and engineering. It offers us the space, facilities, equipment and access to engineering talent that is needed to research and develop new products. This relationship will enable us to push the boundaries of innovation and create faster and more powerful testers.

Our new state-of-the-art facility allows us to streamline ipTEST's manufacturing processes and we recently took additional lab space in the STFC main building. Surrey Research Park is a great home for us. The location is fantastic – our staff love it. There is a beautiful lake right next to our factory and it's great for wildlife and relaxing walks.





INVESTING IN STAFF AND FACILITIES



In line with our growth, we have invested – and continue to invest in – various aspects of the company to open up new opportunities. Looking after and expanding our team and facilities is the primary focus for ipTEST.

We know that our staff are the beating heart of the organisation. Our team continues to grow as we take on more engineers to support our products, and over the summer, interns from local universities joined us to work on engineering and marketing projects. Inspiring engineers of the future to attract the best industry talent is important to us.

ipTEST has also seen significant facility investments. As our testers are capable of measuring the smallest currents (down to nano-Amps), we need to ensure our production environment has the lowest humidity. To offset this, we have invested in a state-of-the-art industrial de-humidifier, which can bring the humidity in our manufacturing area down below 20% and maintain that throughout the day. We have also benefitted from new test and measurement equipment such as oscilloscopes and power supplies.



Here at ipTEST, we recognise the importance of having a good work-life balance. Our teams like to keep fit and form connections outside of the workplace through sports and staff social events.

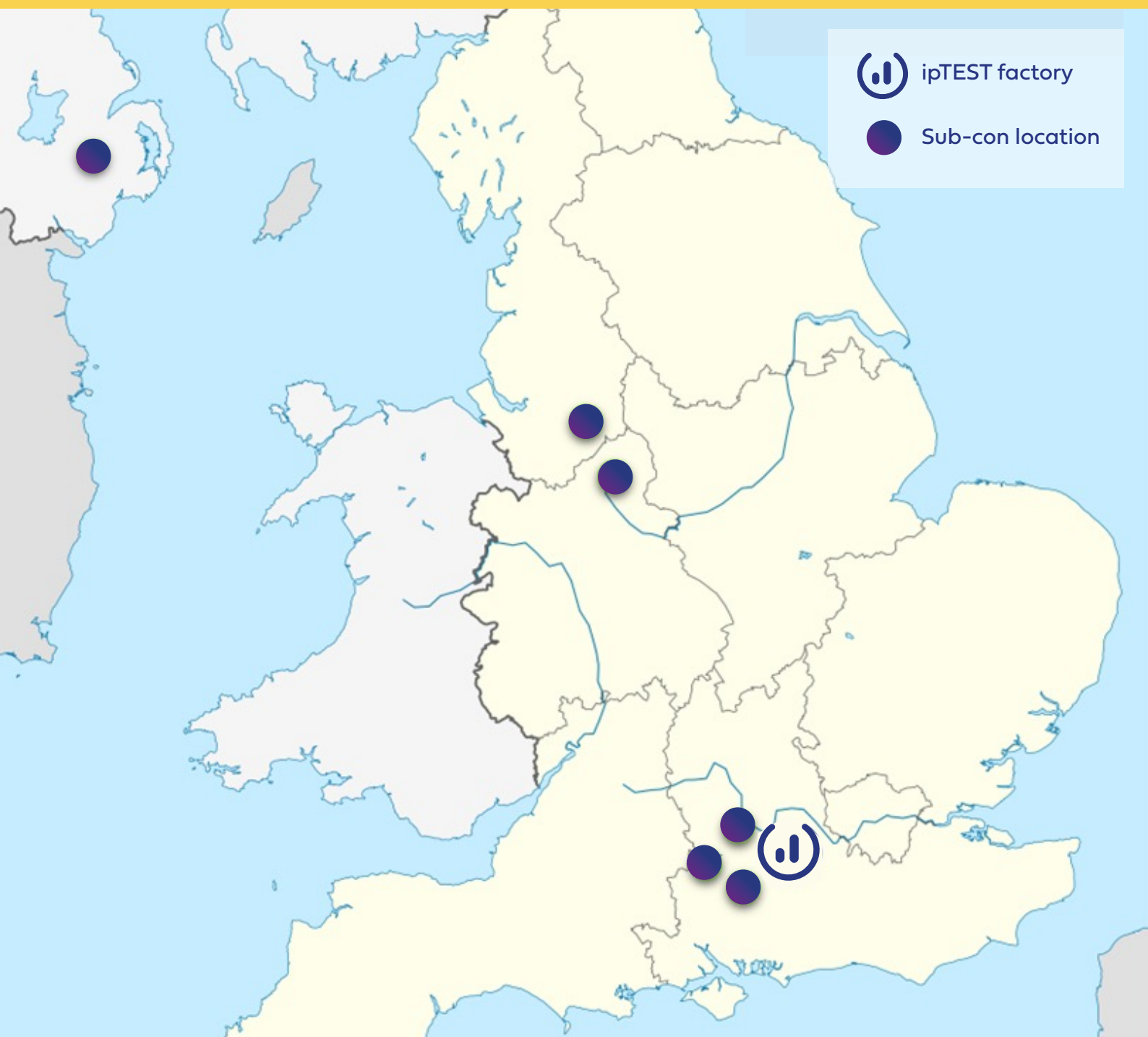
Soldering irons are replaced with football boots during our weekly company football match. We are very lucky to be located right next door to the University of Surrey's Sports Park! We also organise table tennis matches, a weekly running club and staff BBQs, which have gone down a treat this summer.



LOCAL SUPPLY CHAIN PARTNERSHIPS

Like many industries, we have witnessed supply chain disruptions over the past year as a result of COVID-19. To overcome these challenges, ipTEST has developed close relationships with a network of local UK suppliers.

As a company, we have focused on using suppliers with aerospace ✈️ and automotive 🚗 experience to work on our complex products, and we invest a significant amount in securing stock of critical electronic components so we can avoid shortages and keep our lead times low. The benefits of these local partnerships are clear – ipTEST can ensure quality is maintained at all times.





PRODUCT INNOVATION

Our R&D roadmap continues to focus on launching new, innovative products. We have recently released a 7-slot test station, which is capable of 600A testing. Designed for customers who are testing larger devices or modules and need higher current testing, it is modular, meaning it can be built up in steps of 200A.



NEW DYNAMIC SWITCH GENERATOR

ipTEST's new high-speed dynamic switching test generator has been developed specifically to meet the needs of the latest discrete IGBT and mosfet devices. The M2 DS5 1000A dynamic switch test generator assembly is one of our Mostrak-2 family of test generators.

It performs single and double pulse inductive load switching, diode recovery and short-circuit tests on MOS and IGBT discrete power semiconductor devices up to 1200V and 1000A. What's more, the new range of hand test fixtures means it is ideal for characterising devices in a lab environment.





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