Andy Tucker- Design Engineering Manager

When did you join Filtronic?

1997

What attracted you to Filtronic?

Filtronic had a reputation for cutting edge RF product design, spinning out several new companies as it was growing. Working for a technology leader straight from University was a fabulous opportunity.

What do you enjoy most about your job?

It is easy to become normalised to the technology the Filtronic team create, but if you step back and look at the products we design and manufacture and the customers we serve, it's difficult to think of any other company that could offer such a cutting-edge adventure.

Describe a typical day?

As a relatively small company, working at Filtronic allows you to interact with many functions from design, manual/automated chip & wire manufacture, test solutions, quality and more. A typical day usually includes a mix of communication with customers, team meetings, product design and lab work.

What have been some of the highlights?

I have been fortunate enough to work in a range of really challenging industries, such as Defence and Telecoms, but if I had to pick one specific project that gave me most satisfaction, it would be Aether. This was a cutting-edge multi-channel 40Gbps E-Band ground to air & air to ground link for a US customer. It contained highly integrated receivers, transmitters, power amplifiers, multiplexer & polariser and had to operate in a challenging environment. Delivering the hardware to our customer and seeing it operate successfully was a delight.

What is next?

Filtronic is embarking on a new R&D phase covering exciting new bands keeping us at the forefront of technology, this is going to be a very exciting time in our history.

How would you describe working at Filtronic?

Life at Filtronic evolves quickly, we support a diverse range of customers and RF products from DC to 110GHz, from concept & design to in-house volume manufacture. As a result, working here is diverse, with plenty of opportunity for personal growth and specialism in numerous exciting areas including MMIC design, system design, process engineering, software development, test solutions & quality.