



REPAIR & MAINTENANCE

We can diagnose, repair and validate electronic, electrical and optical technologies. Where obsolescence issues make repair impractical, we offer a form, fit and functionally compatible design service to replace legacy subsystems. If supporting design documentation is not available, we can even offer a range of reverse-engineering solutions to return your systems to a working and supportable state.

CASE STUDY

AT A GLANCE

CHALLENGE

- Legacy radar equipment technology that requires a specific skill set to repair.
- Components difficult to find.

SOLUTION

- Regularly used parts sourced.
- Test rig set up.
- Continued specialist support.

BENEFITS

- Required parts now kept in stock.
- Equipment tested and ready to use.
- Repair costs decreased and uptime improved.



Eyedot truly went above and beyond our expectations. Their considered approach resulted in a solution tailored specifically for our business, meaning that we have less downtime and fewer repair costs. I would not hesitate in recommending them!

THE CHALLENGE

Our customer operates radar systems that were originally developed in the 1970's. These systems are designed to provide approach surveillance for Air Traffic Services.

A legacy system such as this can mean that components are difficult to find, and the technology requires a specific skill set to repair.

Keeping them fully operational is critical to their business.

OUR SOLUTION

Eyedot worked with the customer to develop a partnership, as to provide the best solutions it is important to us to understand their business fully.

As a part of this, we now understand the parts that they are using and can source them on their behalf. We also built a test rig for the radar system, which ensured that critical equipment is protected from excessive voltage.

BENEFITS

FULLY TESTED

All equipment that is worked on is fully tested through this rig, giving the customer assurance that it is fully tested and ready to use.

IMPROVED UPTIME

Equipment is no longer failing fail upon installation, which means lower repair costs, less equipment downtime and no airfields out of action.

CONTINUED SUPPORT

Eyedot also now support the customer's ad-hoc requirements, complementing their in-house team perfectly. This means that their engineers can focus on site visits and service repairs.